Index to Volume 104–1994 and Supplements: 61–66



Laryngoscope FOUNDED IN 1896

Editor: Byron J. Bailey, MD

Publisher: The American Laryngological, Rhinological and Otological Society, Inc. 10 S. Broadway, St. Louis, MO 63102

AUTHOR/TITLE

A	В
Abram, A.C., Bellian, K.T., Giles, W.J., Gross, C.W.: Toxic Shock Syndrome After Functional Endonasal Sinus Sur-	Bacteriology of Antrum in Adults With Chronic Maxillary Sinusitis—Erkan, M., Aslan, T., et al
gery: An All or None Phenomenon? 927	Bailet, J.W., Hoffman, L.F., Trachy, R.E., Weymuller, E.A. Jr.:
Acidic and Basic FGF mRNA Expression in the Middle Ear Mucosa During Experimental Acute and Chronic Otitis Media—Koutnouyan, H.A., Baird, A., et al	Effect of Nifedipine on Skin Flap Survival in Rats
Activation and Coordination Patterns of the Suprahyoid Mus-	cyte Subpopulations and Dendritic Accessory Cells in Nor- mal and Hypertrophic Adenoids
cles During Swallowing—Spiro, J., Rendell, J.K., et al 1376 Advantages of Mandibular Reconstruction With the Titanium Hollow Screw Osseointegrating Reconstruction Plate (THORP)—Koch, W.M., Yoo, G.H., et al	Barra, S., Barzan, L., Maione, A., Cadelano, A., Pin, M., Franceschi, S., et al.: Blood Transfusion and Other Prognostic Variables in the Survival of Patients With Cancer of the Head and Neck
Age-Related Basement Membrane Thickening of the Vocal Cords in Sudden Infant Death Syndrome (SIDS)—Shatz, A., Hiss, Y., et al	Basterra, J., Dilly, P.N., Martorell, M.: Neurosecretory End- ings and Target Cells in the Synaptic Cleft of the Human Vocal Cord: An Electron Microscopic Study
Airway Control During Percutaneous Tracheotomy—Irish, J.C., Brown, D.H., et al	Bauer, C.A., Redleaf, M.I., Gartlan, M.G., Tsue, T.T., Mc- Colloch, T.M.: Carotid Sinus Syncope in Head and Neck Cancer
Airway Obstruction in Hemophilia (Factor VIII Deficiency): A 28-Year Institutional Review—Bogdan, C.J., Strauss, M., et al	Bauer, G.P., Wiet, R.J., Zappia, J.J.: Congenital Aural Atresia
Allergic Fungal Sinusitis: The Mayo Clinic Experience— Cody, D.T. II, Neel, H.B. III, et al	Bauman, N.M., Sandler, A.D., Schmidt, C., Maher, J.W., Smith, R.J.H.: Reflex Laryngospasm Induced by Stimula- tion of Distal Esophageal Afferents
Altissimi, G., Gallucci, L., Prattichizzo, L., Arcamone, D., Monacelli, C.: Laryngeal Microsurgery Under General An- esthesia Using Small-Bore Endotracheal Tubes: Blood Gas	Becker, G.D., Adams, L.A., Hackett, J.: Collagen-Assisted Healing of Facial Wounds After Mohs Surgery
Analysis of Intrabolus Forces in Patients With Zenker's Diver-	Benninger, M.S., Gillen, J., Thieme, P., Jacobson, B., Drag- ovich, J.: Factors Associated With Recurrence and Voice
ticulum—McConnel, F.M.S., Hood, D., et al 571	Quality Following Radiation Therapy for T1 and T2 Glottic Carcinomas
Anatomic Considerations in Botulinum Toxin Type A Therapy for Spasmodic Dysphonia—Castellanos, P.F., Gates, G.A., et al	Berg, Ø.H., Lie, K., Steinsvåg, S.K.: Effect of Decongestive Nosedrops on Human Respiratory Mucosa In Vitro 115
Anesthesia for Microlaryngeal Surgery: The Case for Sub- glottic Jet Ventilation—Hunsaker, D.H Suppl. 65	Biel, M.A.: Photodynamic Therapy and the Treatment of Neoplastic Diseases of the Larynx
Anon, J.B., Lipman, S.P., Oppenheim, D., Halt, R.A.: Computer-Assisted Endoscopic Sinus Surgery	Bielamowicz, S., Smith, D., Abemayor, E.: Merkel Cell Carcinoma: An Aggressive Skin Neoplasm
Anterior Commissure Microwebs Associated With Vocal Nodules: Detection, Prevalence, and Significance—Ford, C.N.,	Bilobed Radial Forearm Free Flap for Functional Reconstruction of Near-Total Glossectomy Defects—Aviv, J.E., Keen, M.S., et al
Bless, D.M., et al	Bioresorbable Screws for Facial Bone Reconstruction: A Pilot Study in Rabbits—Kellman, R.M., Huckins, S.C., et al 55
Surgery - Kavanagh, K.T	Black, B.: Spanner Malleus-Stapes/Footplate Assembly 77
Artificial Reflex Arc: A Potential Solution for Chronic Aspira- tion. III. Stimulation of Implanted Cervical Skin as a Functional Graft Triggering Glottic Closure in the Ca-	Blood Transfusion and Other Prognostic Variables in the Survival of Patients With Cancer of the Head and Neck—Barra, S., Barzan, L., et al
nine—Broniatowski, M., Sohn, J., et al	Bogdan, C.J., Strauss, M., Ratnoff, O.D.: Airway Obstruction in Hemophilia (Factor VIII Deficiency): A 28-Year Institu-
R.T., Bough, I.D., Jr., et al	tional Review 78
Arytenoid Motion Evoked by Regional Electrical Stimulation of the Canine Posterior Cricoarytenoid Muscle—Sanders, I., Rao, F., et al	Bold, E.L., Wanamaker, H.H., Hughes, G.B., Kinney, S.E., Eliachar, I., Ruggieri, P.M., et al.: Magnetic Resonance Angiography of Vascular Anomalies of the Middle Ear 140
Auditory Evoked Potentials at 40 Hz (SSR40Hz) in Post- Trauma Coma Patients—Serafini, G., Acra, W., et al 182	Bourhis, J., Wilson, G., Wibault, P., Janot, F., Bosq, J., Armand, J.P., et al.: Rapid Tumor Cell Proliferation After Induction Chemotherapy in Oropharyngeal Cancer
Auricular Reconstruction Using Postauricular Myocutaneous Flap—Krespi, Y.P., Pate, B.R. Jr	Brennan, J.A., Jafek, B.W.: Elective Carotid Artery Resection for Advanced Squamous Cell Carcinoma of the Neck 25
Aviv, J.E., Keen, M.S., Rodriguez, H.P., Stewart, C., Gund, E., Blitzer, A.: Bilobed Radial Forearm Free Flap for Functional Reconstruction of Near-Total Glossectomy Defects 893	Broniatowski, M., Sohn, J., Kayali, H., Bold, E.L., Miller, F.R., Jacobs, G.B., <i>et al.</i> : Artificial Reflex Are: A Potential Solution for Chronic Aspiration. III. Stimulation of Implanted
Awake Evoked Electromyography Recording From the Chronically Implanted Rat—Widick, M.H., Tanabe, T., $et~al.~\dots~420$	Cervical Skin as a Functional Graft Triggering Glottic Closure in the Canine

Brookhouser, P.E., Sullivan, P.M., Eccarius, M.A., Schulte, L., Maliszewski, S., Madrigal, R.: Hearing Research Career Development for Deaf Students	Changed Clinical Course and Current Treatment of Acute Epiglottitis in Adults: A 12-Year Experience—Torkkeli, T., Ruoppi, P., et al
Brookhouser, P.E., Worthington, D.W., Kelly, W.J.: Fluctuating and/or Progressive Sensorineural Hearing Loss in Children	Changing Patterns in Pediatric Supraglottitis: A Multi-Institutional Review, 1980 to 1992—Senior, B.A., Radkowski, D., et al
Buchman, C., Stringer, S.P., Mendenhall, W.M., Parsons, J.T., Jordan, J.R., Cassisi, N.J.: Pleomorphic Adenoma: Effect of Tumor Spill and Inadequate Resection on Tumor Recurrence	Chantrain, G., Deraemaecker, R.: Glottic Reconstruction After Cricohyoidoepiglottopexy With a Radial Forearm Free Flap That Includes the Tendon of the Palmaris Longus: Preliminary Results and Perspectives
Buchman, C.A., Doyle, W.J., Skoner, D., Fireman, P., Gwaltney, J.M.: Otologic Manifestations of Experimental Rhinovirus	Charabi, S., Klinken, L., Tos, M., Thomsen, J.: Histopathology and Growth Patterns of Cystic Acoustic Neuromas 1348
Infection	Cheung, S.W., Anthony, J.P., Singer, M.I.: Restoration of Ante- rior Mandible With the Free Fibula Osseocutaneous Flap 105
H.: Human Papillomavirus and Normal Nasal Mucosa: Detection of Human Papillomavirus DNA in Normal Nasal Mucosa Biopsies by Polymerase Chain Reaction and In Situ Hybridization	Chung, P-S., Saxton, R.E., Paiva, M.B., Rhee, C-K., Soudant, J., Mathey, A., et al.: Hypericin Uptake in Rabbits and Nude Mice Transplanted With Human Squamous Cell Carcino- mas: Study of a New Sensitizer for Laser Phototherapy 1471
Buenting, J.E., Dalston, R.M., Drake, A.F.: Nasal Cavity Area in Term Infants Determined by Acoustic Rhinometry 1439	Clayman, D.A., Booth, R.P., Isaacs, J. Jr., Russo, L.S., Jr.: Percutaneous Electromyography of the Posterior Cricoary-
Burford-Mason, A.P., Dardick, I., MacKay, A.: Collagen Gel Cultures of Normal Salivary Gland: Conditions for Contin-	tenoid Muscles: Electromyographic Needle Placement With Computed Tomographic Guidance
ued Proliferation and Maintenance of Major Cell Phe- notypes In Vitro	Cloning and Sequencing of Genomic DNA Extracted From Archival Human Temporal Bone Sections—Kerner, M.M., Wackym, P.A., et al
Burton, M.J., Shepherd, R.K., Xu, S.A., Franz, B.K-H.G., Clark, G.M.: Cochlear Implantation in Young Children: Histological Studies on Head Growth, Leadwire Design, and illectrode Fixation in the Monkey Model	Closure of Persistent Tracheoesophageal Fistulas After Removal of the Voice Prosthesis—Delaere, P.R., Delsupehe, K.G. 494
Busch, R.F.: Maxillomandibular Fixation With Intraoral Cortical Bone Screws: A 2-Year Experience	Cochlear Implantation in Young Children: Histological Studies on Head Growth, Leadwire Design, and Electrode Fixation in the Monkey Model—Burton, M.J., Shepherd, R.K.,
C	et al
Calhoun, K.H., Fulmer, P., Weiss, R., Hokanson, J.A.: Distant Metastases From Head and Neck Squamous Cell Car-	Cochlear Polyamines: Markers of Otitis Media-Induced Co- chlear Damage—Naguib, M.B., Hunter, R.E., et al 1003
cinomas	Cody, D.T. II, Neel, H.B. III, Ferreiro, J.A., Roberts, G.D.: Aller- gic Fungal Sinusitis: The Mayo Clinic Experience
pound Subcapsular Systrem Free-Tissue Transfer for Fa- cial Reanimation and Resurfacing: A Case Report	Cole, I.E.: Elective Percutaneous (Rapitrac) Tracheotomy: Results of a Prospective Trial
Cannon, C.R.: Hypothyroidism in Head and Neck Cancer Patients: Experimental and Clinical Observations Suppl. 66	Cole, J.M., Beiler, D.: Long-Term Results of Treatment for Glomus Jugulare and Glomus Vagale Tumors With Radio-
Carcinoma In Situ of the Glottic Larynx—Myssiorek, D., Vambutas, A., et al	therapy 1461 Collagen-Assisted Healing of Facial Wounds After Mohs Sur-
Carcinoma of the Soft Palate and Anterior Tonsillar Pillar— Leemans, C.R., Engelbrecht, W.J., et al	gery – Becker, G.D., Adams, L.A., et al
Carotid Artery Reconstruction Using Superficial Femoral Arterial Grafts—Jacobs, J.R., Arden, R.L., et al	Continued Proliferation and Maintenance of Major Cell Phe- notype In Vitro—Burford-Mason, A.P., Dardick, I., et al 335
Carotid Sinus Syncope in Head and Neck Cancer—Bauer, C.A., Redleaf, M.I., et al	Comparison of Preservation Techniques in a Vascularized Rat Laryngeal Transplant Model—Strome, M., Wu, J., et al 666
Carrol, E.N., Fine, E., Ruff, R.L., Stepnick, D.: Four-Drug Pain Regimen for Head and Heck Cancers	Comparison of Upper-Airway Evaluations During Wakefulness and Sleep—Woodson, B.T., Wooten, M.R 821
Casiano, R.R., Ruiz, P.J., Goldstein, W.: Histopathologic Changes in the Aging Human Cricoarytenoid Joint 533	Complications of Endoscopic Sinus Surgery: Analysis of 2108 Patients—Incidence and Prevention—May, M., Levine, H.L., et al
Castellanos, P.F., Gates, G.A., Esselman, G., Song, F., Vannier, M.W., Kuo, M.: Anatomic Considerations in Botulinum Toxin Type A Therapy for Spasmodic Dysphonia	Compound Subscapular System Free-Tissue Transfer for Facial Reanimation and Resurfacing: A Case Report—Campana, J., Milczuk, H., et al
Cerebrospinal Fluid Leak Following Acoustic Neuroma Removal—Hoffman, R.A	Computer-Assisted Endoscopic Sinus Surgery—Anon, J.B., Lipman, S.P., et al
Cervical Necrotizing Fasciitis—Maisel, R.H., Karlen, R 795	Computer-Assisted Surgical Techniques Using the Vander-
Chan, K.H., Swarts, J.D., Tan, L.: Middle Ear Mucosal Inflammation: An In Vivo Model	bilt Free Electron Laser—Reinisch, L., Mendenhall, M., et al
Chang, S.O., Min, Y-G., Kim, C.S., Koh, T-Y.: Surgical Man-	Congenital Aural Atresia—Bauer, G.P., Wiet, R.J., et al 1219
agement of Congenital Aural Atresia 606	Congenital Cholesteatoma—Friedberg, J Suppl. 62

Cotter, C.S., Singleton, G.T., Corman, L.C.: Immune-Mediated Inner Ear Disease and Parvovirus B19	1235	Duff, B.E., Wenig, B.L., Applebaum, E.L., Yeates, D.B., Wenig, B.M., Holinger, L.D.: Tracheal Reconstruction Using an	400
Cotter, C.S., Stringer, S.P., Landau, S., Mancuso, A.A., Cas- sisi, N.J.: Patency of the Internal Jugular Vein Following Modified Radical Neck Dissection	841	Epithelial Equivalent	409
Custom Silastic® Keel for Anterior Laryngeal Reconstruc- tion—Orlandi, R.R., Sercarz, J.A., et al.		Early Development of Sino-Nasal Mucosa — Wake, M., Takeno, S., et al.	850
Cytokines in Experimental Otitis Media with Effusion— Johnson, M.D., Fitzgerald, J.E., et al	191	Echavez, M.I., Lee, K.C., Sooy, C.D.: Tetracycline Sclerosis for Treatment of Benign Lymphoepithelial Cysts of the Parotid Gland in Patients Infected With Human Immunodeficiency Virus	1499
D		Effect of Acquired Cisplatin Resistance on the Response of	
D'Agostino, M.A., Jiang, J.J., Hanson, D.G.: Endoscopic Photography: Solving the Difficulties of Practical Application	1045	a Xenografted Human Hypopharynx Carcinoma to Con- current Radiochemotherapy With Cisplatin—Jäckel, M., Tausch-Treml, R., et al.	329
lar Nerve Stimulator for Intraoperative Motor Nerve Monitoring	619	Effect of Anesthetic Gas on Middle Ear Fluid—Tom, L.W.C., Tsao, F., et al.	832
Darrow, D.H., Robbins, K.T., Goldman, S.N.: Tracheoesopha- geal Puncture for Voice Restoration Following Laryngo- tracheal Separation	1163	Effect of Artificial Airway on Ear Complications From Hyperbaric Oxygen—Presswood, G., Zamboni, W.A., et al	1383
Delaere, P.R., Delsupehe, K.G.: Closure of Persistent Tra- cheoesophageal Fistulas After Removal of the Voice Pros-		Effect of Blood on Laser-Resistant Endotracheal Tube Combustion—Sosis, M.B., Pritikin, J.B., et al.	829
thesis	494	Effect of Decongestive Nosedrops on Human Respiratory Mucosa In Vitro—Berg, Ø.H., Lie, K., et al.	1153
tal Revascularization of Airway Segments Detecting Retinoic Acid-Induced Biochemical Alterations in	736	Effect of Human Olfactory Biopsy on Olfaction: A Preliminary Report—Lanza, D.C., Deems, D.A., et al	837
Squamous Cell Carcinoma Using Intrinsic Fluorescence Spectroscopy—Silberberg, M.B., Savage, H.E., et al	278	Effect of Intracranial Surgical Trauma on Gadolinium- Enhanced Magnetic Resonance Imaging—Millen, S.J., Daniels, D.L.	804
Diagnosing Nasopharyngeal Cancer—van Hasselt, C.A., John, D.G.	103	Effect of Nifedipine on Skin Flap Survival in Rats—Bailet, J.W., Hoffman, L.F., et al.	253
Diagnosis and Treatment of Persistent Dysphonia After La- ryngeal Surgery: A Retrospective Analysis of 62 Patients— Woo, P., Casper, J., et al.	1084	Effect of Prostaglandin E ₂ and F _{2a} on Brain and Tracheal Ciliary Activity—Roth, Y., Kronenberg, J.	856
Diagnostic Problems in Patients With Benign Paroxysmal Positional Vertigo—Norré, M.E.	1385	Effect of Unilateral Chorda Tympani Damage on Taste- Kveton, J.F., Bartoshuk, L.M.	25
Dichard, A., Klotch, D.W.: Testing Biomechanical Strength of Repairs for the Mandibular Angle Fracture	201	Effects of Arytenoid Adduction on Laryngeal Function Following Ansa Cervicalis Nerve Transfer for Vocal Fold Paralysis in an In Vivo Canine Model—Nasri, S., Sercarz,	
Flow Vascular Malformations—Teitelbaum, G.P., Halbach, V.V., et al.	1397	J.A., et al. Effects of Low Humidity on the Rat Middle Ear—Lovejoy,	1187
Disappearance of Epiglottitis During Large-Scale Vaccina- tion with <i>Haemophilus influenzae</i> Type B Conjugate Vac-		H.M., McGuirt, W.F., et al. Effects of Odorants and Irritants on Respiratory Behavior—	1055
cine Among Children in Finland—Takala, A.K., Peltola, H., et al.	731	Warren, D.W., Walker, J.C., et al.	623
Distant Metastases From Head and Neck Squamous Cell Carcinomas—Calhoun, K.H., Fulmer, P., et al	1199	Efficacy of Topical Antibiotic Prophylaxis for Contaminated Head and Neck Surgery—Grandis, J.R., Vickers, R.M., et al.	719
Djeric, D.R., Schachern, P.A., Paparella, M.M., Jaramillo, M., Haruna, S., Bassioni, M.: Otitis Media (Silent): A Potential Cause of Childhood Meningitis	1453	Eisele, D.W., Richtsmeier, W.J., Graybeal, J.C., Koch, W.M., Zinreich, S.J.: Three-Dimensional Models for Head and Neck Tumor Treatment Planning	433
DNA Content and Regional Metastases in Patients With Advanced Laryngeal Squamous Carcinoma—Wolf, G.T.,		Elective Carotid Artery Resection for Advanced Squamous Cell Carcinoma of the Neck—Brennan, J.A., Jafek, B.W	259
Fisher, S.G., et al. Donnelly, K.J., Bank, E.R., Parks, J., Gussack, G.S., Daven-		Elective Percutaneous (Rapitrac) Tracheotomy: Results of a Prospective Trial—Cole, I.E.	1271
port, P., Todd, N.W., et al.: Three-Dimensional Magnetic Resonance Imaging Evaluation of Pediatric Tracheobron- chial Tree		Electron-Microscopic Observations on the Muscular Coat of Swell Bodies in Human Nasal Mucosa—Grevers, G	
Doretto, M.C., Marseillan, R.F., Pinto-Gonçalves, R., Oliveira, J.A.A., Corrado, A.P.: Reduction of Streptomycin-Induced		Endoscopic Laser Dacryocystorhinostomy—Metson, R., Woog, J.J., et al.	269
Acute and Chronic Toxicities Dose Response of Human Tumor Cells to Rhodamine 123 and		Endoscopic Laser Excisional Biopsy for Selected Glottic Carcinomas—Peretti, G., Cappiello, J., et al	1276
Laser Phototherapy—Saxton, R.E., Haghighat, S., et al Doyle, D.J., Gianoli, G.J., Espinola, T., Miller, R.H.: Recur-		Endoscopic Orbital Decompression—Metson, R., Dallow, R.L., et al.	950
rent Respiratory Papillomatosis: Juvenile Versus Adult Forms		Endoscopic Photography: Solving the Difficulties of Practical Application—D'Agostino, M.A., Jiang, J.J., et al.	1045

Endoscopic Septoplasty—Giles, W.C., Gross, C.W., et al. \ldots	1507	Friedberg, J.: Congenital CholesteatomaSupp	ol. 62
Endoscopic Treatment of Supraglottic and Hypopharynx Cancer—Zeitels, S.M., Koufman, J.A., et al	71	Friedman, M., Wernicke, J.F., Caldarelli, D.D.: Safety and Tolerability of the Implantable Recurrent Laryngeal Nerve	
Endosteal Implants Following Tumor Surgery and Avulsive Trauma—Kraut, R.A., Kabcenell, J., et al.	504	Stimulator Functional Loss of the Horizontal Doll's Eye Reflex Following	1240
Epstein-Barr Virus Lytic Cycle Spreads Via Cell Fusion in a Nasopharyngeal Carcinoma Hybrid Cell Line—Yoshizaki, T., Takimoto, T., et al.	91	Unilateral Vestibular Lesions—Foster, C.A., Foster, B.D., et al.	473
Erkan, M., Aslan, T., Özcan, M., Koç, N.: Bacteriology of Antrum in Adults With Chronic Maxillary Sinusitis	321	G Gay, T., Rendell, J.K., Spiro, J.: Oral and Laryngeal Muscle	
Esophageal Diverticulum: Diverticulopexy Versus Diverticulectomy—Laccourreye, O., Ménard, M., et al.	889	Coordination During Swallowing	341
Eustachian Tube Compliance in Cleft Palate — A Preliminary		ley, B.J. Jr., Adams, R.M., et al.	1330
Study—Takahashi, H., Honjo, T., et al. Evaluation of Basic Fibroblast Growth Factor in Tympanic Membrane Repair—Vrabec, J.T., Schwaber, M.K., et al	83 1059	Ghouri, A.F., Zamora, R.L., Sessions, D.G., Spitznagel, E.L. Jr., Harvey, J.E.: Prediction of Occult Neck Disease in Laryngeal Cancer by Means of a Logistic Regression Statistical Model.	1000
Evaluation of Four New Carbocyanine Dyes for Photo- dynamic Therapy With Lasers—Lipshutz, G.S., Castro, D.J., et al.	996	tistical Model Giles, W.C., Gross, C.W., Abram, A.C., Greene, W.M., Avner, T.G.: Endoscopic Septoplasty	
Evidence of Oxygen Radical Injury in Experimental Otitis Media—Parks, R.R., Huang, C-C., et al.	1389	Glomus Vagale: Paraganglioma of the Vagus Nerve—Urquhart, A.C., Johnson, J.T., et al.	440
Experimental Revascularization of Airway Segments—Delaere, P.R., Ziying, L., et al.	736	Glottic Configuration After Arytenoid Adduction—Woodson, G.E., Murry, T.	965
External Beam Irradiation Alone or Combined With Neck Dissection for Base of Tongue Carcinoma: An Alternative to Primary Surgery—Hinerman, R.W., Parsons, J.T., et al	1466	Glottic Reconstruction After Cricohyoidoepiglottopexy With a Radial Forearm Free Flap That Includes the Tendon of the Palmaris Longus: Preliminary Results and Perspec- tives—Chantrain, G., Deraemaecker, R.	1035
F		Gluckman, J.L., Portugal, L.G.: Modified Young's Procedure	
Factors Affecting Survival of Patients With Tumors of the Anterior Skull Base—McCaffrey, T.V., Olsen, K.D., et al	940	for Refractory Epistaxis Due to Hereditary Hemorrhagic	1174
Factors Associated With Recurrence and Voice Quality Following Radiation Therapy for T1 and T2 Glottic Carcinomas—Benninger, M.S., Gillen, J., et al.	294	Godballe, C., Asschenfeldt, P., Sørensen, J.A., Sørensen, M.W., Jørgensen, K.: Papillary Thyroid Carcinoma: Correlations Between Prognosis, Age, and Clinicopathological and His-	
Fattori, B., Ghilardi, P., Casani, A., Migliorini, P., Riente, L.: Meniere's Disease: Role of Antibodies Against Basement		tomorphological Findings	747
Membrane Antigens	1290	Godley, F.A.: Frenuloplasty With a Buccal Mucosal Graft	378
Fibular and Iliac Crest Osteomuscular Free Flap Reconstruction of the Oral Cavity—Haughey, B.H., Fredrickson, J.M., et al.	1305	Grandis, J.R., Vickers, R.M., Rihs, J.D., Yu, V.L., Wagner, R.L., Kachman, K.K., et al.: Efficacy of Topical Antibiotic Pro- phylaxis for Contaminated Head and Neck Surgery	719
Fliss, D.M., Noble-Topham, S.E., McLachlin, C.M., Freeman, J.L., Noyek, A., van Nostrand, A.W.P., et al.: Laryngeal Verrucous Carcinoma: A Clinicopathologic Study and De-		Green, J.D. Jr., Brackmann, D.E., Nguyen, C.D., Arriaga, M.A., Telischi, F.F., De la Cruz, A.: Surgical Management of Previously Untreated Glomus Jugulare Tumors	917
tection of Human Papillomavirus Using Polymerase Chain Reaction	146	Green, J.D. Jr., Shelton, C., Brackmann, D.E.: Iatrogenic Facial Nerve Injury During Otologic Surgery	922
Fluctuating and/or Progressive Sensorineural Hearing Loss in Children—Brookhouser, P.E., Worthington, D.W., et al	958	Grevers, G.: Electron-Microscopic Observations on the Muscular Coat of Swell Bodies in Human Nasal Mucosa	1285
Ford, C.N., Bless, D.M., Campos, G., Leddy, M.: Anterior Commissure Microwebs Associated With Vocal Nodules: Detection, Prevalence, and Significance	1369	Grillone, G.A., Blitzer, A., Brin, M.F., Annino, D.J. Jr., Saint- Hilaire, M-H.: Treatment of Adductor Laryngeal Breathing Dystonia With Botulinum Toxin Type A	30
Foster, C.A., Foster, B.D., Spindler, J., Harris, J.P.: Functional Loss of the Horizontal Doll's Eye Reflex Following Uni- lateral Vestibular Lesions	473	Gross, M., Hess, M.: New Method for Tracheoesophageal Puncture Under Topical Anesthesia	233
Four-Drug Pain Regimen for Head and Neck Cancers—Carrol, E.N., Fine, E., et al.	694	Gutierrez, F., Moreno, P.M., Sainz, M.: Relationship Between Immune Complex and Total Hemolytic Complement in Endolymphatic Hydrops	1495
Four-Year Follow-up After Uvulopalatopharyngoplasty in 50 Unselected Patients With Obstructive Sleep Apnea Syn-	1000	Н	
drome—Larsson, L.H., Carlsson-Nordlander, B., et al Friedman, M., Brenski, A., Taylor, L.: Treatment of Aphthous Ulcers in AIDS Patients		Hagen, R., Romalo, G., Schwab, B., Hoppe, F., Schweikert, H-U.: Juvenile Nasopharyngeal Fibroma: Androgen Recep- tors and Their Significance for Tumor Growth	1125
Frenuloplasty With a Buccal Mucosal Graft—Godley, F.A. $ \ldots $	378	Hamlet, S.L., Wilson, S., Stachler, R.J., Salwen, W.A., Muz, J.,	
Frequency Selectivity in Patients With Acoustic Neuroma—Papsin, B.C., Abel, S.M., et al.	1092	Heilbrun, L.K.: Scintigraphic Assessment of Swallow Effi- ciency Postlaryngectomy	1159

Han, M.H., Sung, M.W., Chang, K.H., Min, Y.G., Han, D.H., Han, M.C.: Traumatic Pseudoaneurysm of the Intracaver- nous ICA Presenting With Massive Epistaxis: Imaging	070	Incisions for Neck Dissection Modifications: Rationale for and Application of Nontrifurcate Patterns—Robbins, K.T., Op- penheimer, R.W.	1041
Diagnosis and Endovascular Treatment	370	Inner Ear Hair Cell Regeneration in a Mammal: Identifica- tion of a Triggering Factor—Lambert, P.R.	701
Maneuver: Effective Treatment for Benign Paroxysmal Positional Vertigo Haughey, B.H., Fredrickson, J.M., Lerrick, A.J., Sclaroff, A.,	1206	Innervation of the Human Posterior Cricoarytenoid Muscle: Evidence for At Least Two Neuromuscular Compart- ments—Sanders, I., Wu, B-L., et al	880
Gay, W.D.: Fibular and Iliac Crest Osteomuscular Free Flap Reconstruction of the Oral Cavity	1305	Interleukin-8 Expression in Otitis Media—Maxwell, K.S., Fitzgerald, J.E., et al	989
Hearing Research Career Development for Deaf Students— Brookhouser, P.E., Sullivan, P.M., et al	1105	Intraepithelial Lymphocyte Subpopulations and Dendritic Accessory Cells in Normal and Hypertrophic Adenoids— Bani, D., Gallo, O., et al.	869
Affected by Laryngeal Cancer: Differences by Specific Site of Occurrence and Lung Cancer Histotype—Silvestri, F., Bussani, R., et al.	222	Intraluminal Flame Spread in Tracheal Tubes—Wolf, G.L., Sidebotham, G.W., et al.	874
Hinerman, R.W., Parsons, J.T., Mendenhall, W.M., Stringer, S.P., Cassisi, N.J., Million, R.R.: External Beam Irradiation	222	Intramuscular Innervation of the Human Interarytenoid Muscle—Mu, L., Sanders, I., et al	33
Alone or Combined With Neck Dissection for Base of Tongue Carcinoma: An Alternative to Primary Surgery	1466	Intranasal Ethmoidectomy: Evolution and an Assessment of the Procedure—Lawson, W	pl. 64
Histopathologic Changes in the Aging Human Cricoaryte- noid Joint—Casiano, R.R., Ruiz, P.J., et al	533	Intraoperative Monitoring of Auditory Function: Experimental Observations and New Applications—Wazen, J.J	446
Histopathology and Growth Patterns of Cystic Acoustic Neuromas—Charabi, S., Klinken, L., et al.	1348	Intraoperative Monitoring of the Facial Nerve: An Aid in the Management of Parotid Gland Recurrent Pleomorphic Ad- enomas—Olsen, K.D., Daube, J.	229
Histopathology of Temporal Bone Fractures: Implications for Cochlear Implantation—Morgan, W.E., Coker, N.J., et al	426	Inverted Schneiderian Papilloma: A 25-Year Study—Vrabec, D.P.	582
Hoffman, R.A.: Cerebrospinal Fluid Leak Following Acoustic Neuroma Removal	40	Investigation of a Coaxial Bipolar Nerve Stimulator for Intra-	002
Hørding, U., Nielsen, H.W., Daugaard, S., Albeck, H.: Human Papillomavirus Types 11 and 16 Detected in Nasopharyn- geal Carcinomas by the Polymerase Chain Reaction	99	operative Motor Nerve Monitoring—Dankle, J.A., Wiegand, D.A. Irish, J.C., Brown, D.H., Cooper, R.M.: Airway Control During	619
Horizontal Vestibulo-Ocular Reflex Gain During Active and	55	Percutaneous Tracheotomy	1178
Passive High-Frequency Head Movements—Hoshowsky, B., Tomlinson, D., et al.	140	Irving, R.M., Broadbent, V., Jones, N.S.: Langerhans' Cell Histiocytosis in Childhood: Management of Head and Neck Manifestations	64
Hoshowsky, B., Tomlinson, D., Nedzelski, J.: Horizontal Ves- tibulo-Ocular Reflex Gain During Active and Passive High- Frequency Head Movements	140	Is the Older Ear More Susceptible to Noise Damage?—Sun, J.C., Bohne, B.A., et al.	1251
Hotz, M.A., Harris, F.P., Probst, R.: Otoacoustic Emissions: An Approach for Monitoring Aminoglycoside-Induced Oto- toxicity	1130	Ishiyama, A., Eversole, L.R., Ross, D.A., Raz, Y., Kerner, M.M., Fu, Y.S., et al.: Papillary Squamous Neoplasms of the Head and Neck	1446
Human Papillomavirus and Normal Nasal Mucosa: Detection of Human Papillomavirus DNA in Normal Nasal Mucosa Biopsies by Polymerase Chain Reaction and In Situ Hy-		Ito, J., Sakakihara, J.: Tinnitus Suppression by Electrical Stimulation of the Cochlear Wall and by Cochlear Implantation	752
bridization—Buchwald, C., Franzmann, M-B., et al	755	J	
Human Papillomavirus Types 11 and 16 Detected in Nasopharyngeal Carcinomas by the Polymerase Chain Reaction—Hørding, U., Nielsen, H.W., et al.	99	Jäckel, M., Tausch-Treml, R., Köpf-Maier, P.: Effect of Acquired Cisplatin Resistance on the Response of a Xeno-	
Hunsaker, D.H.: Anesthesia for Microlaryngeal Surgery: The Case for Subglottic Jet Ventilation Sup	pl. 65	grafted Human Hypopharynx Carcinoma to Concurrent Radiochemotherapy With Cisplatin	329
Hypericin Uptake in Rabbits and Nude Mice Transplanted With Human Squamous Cell Carcinomas: Study of a New Sensitizer for Laser Phototherapy—Chung, P.S., Saxton,		Jacobs, J.R., Arden, R.L., Marks, S.C., Kline, R., Berguer, R.: Carotid Artery Reconstruction Using Superficial Femoral Arterial Grafts	689
R.E., et al. Hypothyroidism in Head and Neck Cancer Patients: Experimental and Clinical Observations—Cannon, C.R Sup		Janecka, I.P., Sen, C., Sekhar, L., Curtin, H.: Treatment of Paranasal Sinus Cancer With Cranial Base Surgery: Re- sults	
I		Johnson, M.D., Contrino, A., Contrino, J., Maxwell, K., Leonard, G., Kreutzer, D.: Murine Model of Otitis Media	
Iatrogenic Facial Nerve Injury During Otologic Surgery— Green, J.D. Jr., Shelton, C., et al.	922	With Effusion: Immunohistochemical Demonstration of IL-1a Antigen Expression	1143
Immune-Mediated Inner Ear Disease and Parvovirus B19—Cotter, C.S., Singleton, G.T., et al.		Johnson, M.D., Fitzgerald, J.E., Leonard, G., Burleson, J.A., Kreutzer, D.L.: Cytokines in Experimental Otitis Media With Effusion	

Juvenile Nasopharyngeal Fibroma: Androgen Receptors and Their Significance for Tumor Growth—Hagen, R., Romalo, G., et al.	1125	Lanza, D.C., Deems, D.A., Doty, R.L., Moran, D., Crawford, D., Rowley, J.C. III, et al.: Effect of Human Olfactory Biopsy on Olfaction: A Preliminary Report	837
Juxtaposition Lipoma to Mastoid Seventh Nerve—Luetje, C.M., Milbrath, M.M., et al.	135	Larsson, L.H., Carlsson-Nordlander, B., Svanborg, E.: Four- Year Follow-up After Uvulopalatopharyngoplasty in 50	
K		Unselected Patients With Obstructive Sleep Apnea Syndrome	1362
Kamel, R.: Transnasal Endoscopic Approach in Congenital Choanal Atresia	642	Laryngeal Microsurgery Under General Anesthesia Using Small-Bore Endotracheal Tubes: Blood Gas Analysis—	
Kanoh, N.: Reserpine Inhibits the NaK ATPase Activity of the Stria Vascularis in the Cochlea	197	Altissimi, G., Gallucci, L., et al.	325
Kavanagh, K.T.: Applications of Image-Directed Robotics in Otolaryngologic Surgery	283	Laryngeal Verrucous Carcinoma: A Clinicopathologic Study and Detection of Human Papillomavirus Using Polymerase Chain Reaction—Fliss, D.M., Noble-Topham, S.E., et al	146
Kellman, R.M., Huckins, S.C., King, J., Humphrey, D., Marentette, L., Osborn, D.C.: Bioresorbable Screws for Facial Bone Reconstruction: A Pilot Study in Rabbits	556	Laser Laryngoplasty for Laryngomalacia—McClurg, F.L.D., Evans, D.A.	247
Kerner, M.M., Wackym, P.A., Popper, P., Tabor, D.E., Grody, W.W.: Cloning and Sequencing of Genomic DNA Extracted		Lawson, W.: Intranasal Ethmoidectomy: Evolution and an Assessment of the Procedure	pl. 64
From Archival Human Temporal Bone Sections	127 981	Leder, S.B., Sasaki, C.T.: Long-Term Changes in Vocal Quality Following Isshiki Thyroplasty Type I	275
King, J.M., Caldarelli, D.D., Pigato, J.B.: Review of Revision		Lee, S.P., Shimizu, K.T., Tran, L.M., Juillard, G., Calcaterra, T.C.: Mucosal Melanoma of the Head and Neck: Impact of	
Functional Endoscopic Sinus Surgery	404	Local Control on Survival	121
Reconstruction of the Hypopharynx Using Hemilarynx for Localized Pyriform Sinus Cancer	1401	Leemans, C.R., Engelbrecht, W.J., Tiwari, R., Deville, W.L.J.M., Karim, B.M.F., van der Waal, I., et al.: Carcinoma of the Soft Palate and Anterior Tonsillar Pillar	1477
Knox, G.W., Woodard, D., Chelen, W., Ferguson, R., Johnson, L.: Phenytoin for Motion Sickness: Clinical Evaluation	935	Lesserson, J.A., Kieserman, S.P., Flinn, D.G.: Radiographic	
Koch, W.M., Yoo, G.H., Goodstein, M.L., Eisele, D.W., Richtsmeier, W.J., Price, J.C.: Advantages of Mandibular Recon-		Incidence of Chronic Sinus Disease in the Pediatric Popula- tion	
struction With the Titanium Hollow Screw Osseointegrating Reconstruction Plate (THORP)	545	Levin, B.C., Becker, G.D.: Uvulopalatopharyngoplasty for Snoring: Long-term Results	
Koutnouyan, H.A., Baird, A., Ryan, A.F.: Acidic and Basic FGF mRNA Expression in the Middle Ear Mucosa During Experimental Acute and Chronic Otitis Media	350	Li, W., Schachern, P.A., Morizono, T., Paperella, M.M.: Temporal Bone in Multiple Myeloma	675
Kraut, R.A., Kabcenell, J., Silken, D., Rubin, J.S.: Endosteal Implants Following Tumor Surgery and Avulsive Trau-		Lichtenberger, G., Toohill, R.J.: New Keel Fixing Technique for Endoscopic Repair of Anterior Commissure Webs	
ma	504	Lipshutz, G.S., Castro, D.J., Saxton, R.E., Haugland, R.P., Soudant, J.: Evaluation of Four New Carbocyanine Dyes for Photodynamic Therapy With Lasers	
Postauricular Myocutaneous Flap	778	Localization of IL-18 mRNA and Cell Adhesion Molecules in	
Kuo, M., Ho, C-M., Wei, W.I., Lam, K-H.: Tracheostomal Stenosis After Total Laryngectomy: An Analysis of Predis- posing Clinical Factors	59	the Maxillary Sinus Mucosa of Patients With Chronic Sinusitis—Tokushige, E., Itoh, K., et al.	
Kürsten, R., Cozzarini, W., Eisenwort, B., Denk, D.M., Zrunek, M., Burian, K.: Vienna Cochlear Implant in Pa-		Lock, R.L., Audenaert, S.M., Richardson, C.H., Haydon, R.C.: Ventilation by Metal Suction Catheter During Tracheal	
tients With Obliteration of the Cochlea	79	Laser Surgery Performed on a Premature Infant	
Kveton, J.F., Bartoshuk, L.M.: Effect of Unilateral Chorda Tympani Damage on Taste	25	Loftus, B.C., Ahn, J., Haddad, J. Jr.: Neonatal Nasal Deformities Secondary to Nasal Continuous Positive Airway Pressure	
L		Long-Term Changes in Vocal Quality Following Isshiki Thy-	
Laccourreye, H., Laccourreye, O., Cauchois, R., Jouffre, V., Ménard, M., Brasnu, D.: Total Conservative Parotidectomy		roplasty Type I—Leder, S.B., Sasaki, C.T.	275
for Primary Benign Pleomorphic Adenoma of the Parotid Gland: A 25-Year Experience With 229 Patients	1487	Long-Term Results of Treatment for Glomus Jugulare and Glomus Vagale Tumors With Radiotherapy—Cole, J.M., Beiler, D.	
Laccourreye, O., Ménard, M., Cauchois, R., Huart, J., Jouffre, V., Brasnu, D., et al.: Esophageal Diverticulum: Diverticulopexy Versus Diverticulectomy	889	Lovejoy, H.M., McGuirt, W.F., Ayres, P.H., Hayes, A.W., Cog- gins, C.R.E., Sagartz, J.: Effects of Low Humidity on the Rat Middle Ear	
Lack of Synergistic Association Between Human Papilloma- virus and ras Gene Point Mutation in Laryngeal Car- cinomas—Shidara, K., Suzuki, T., et al	1008	Luetje, C.M., Milbrath, M.M., Linthicum, F.H., Jr.: Juxtaposi- tion Lipoma to Mastoid Seventh Nerve	
Lambert, P.R.: Inner Hair Cell Regeneration in a Mammal: Identification of a Triggering Factor	701	M	100
Langerhans' Cell Histiocytosis in Childhood: Management of		McCaffrey, T.V., Olsen, K.D., Yohanan, J.M., Lewis, J.E., Eber-	
Head and Neck Manifestations—Irving, R.M., Broadbent, V., et al.	64	sold, M.J., Piepgras, D.G.: Factors Affecting Survival of Patients With Tumors of the Anterior Skull Base	

McCary, W.S., Gross, C.W., Reibel, J.F., Cantrell, R.W.: Preliminary Report: Endoscopic Versus External Surgery in the Management of Inverting Papilloma	415	Millen, S.J., Daniels, D.L.: Effect of Intracranial Surgical Trauma on Gadolinium-Enhanced Magnetic Resonance Imaging	804
McClurg, F.L.D., Evans, D.A.: Laser Laryngoplasty for Laryngomalacia	247	Min, Y.G., Kim, I.T., Park, S-H.: Mucociliary Activity and Ultrastructural Abnormalities of Regenerated Sinus Mu-	1100
McConnel, F.M.S., Hood, D., Jackson, K., O'Connor, A.: Analysis of Intrabolus Forces in Patients With Zenker's Diverticulum	571	cosa in Rabbits Miyamoto, R.T., Osberger, M.J., Todd, S., Robbins, A.M., Stroer, B.S., Zimmerman-Phillips, S., et al.: Variables Af-	
McConnel, F.M.S., Logemann, J.A., Rademaker, A.W., Pauloski, B.R., Baker, S.R., Lewin, J., et al.: Surgical Variables Affecting Postoperative Swallowing Efficiency in Oral Cancer Patients: A Pilot Study	87	fecting Implant Performance in Children Modified Liberatory Maneuver: Effective Treatment for Benign Paroxysmal Positional Vertigo—Harvey, S.A., Hain, T.C., et al.	
McIvor, N.P., Freeman, J.L., Salem, S., Elden, L., Noyek, A.M., Bedard, Y.C.: Ultrasonography and Ultrasound-Guided Fine-Needle Aspiration Biopsy of Head and Neck Lesions: A Surgical Perspective	669	Modified Young's Procedure for Refractory Epistaxis Due to Hereditary Hemorrhagic Telangiectasia—Gluckman, J.L., Portugal, L.G.	
Magnetic Resonance Angiography of Vascular Anomalies of the Middle Ear—Bold, E.L., Wanamaker, H.H., et al		Montalt, J., Basterra, J., Armengot, M., Barona, R.: Superior Laryngeal Nerve Evoked Potentials: An Experimental Study in the Rabbit	627
Maisel, R.H., Karlen, R.: Cervical Necrotizing Fasciitis	795	Moreano, E.H., Paparella, M.M., Zelterman, D., Goycoolea,	
Malignant Melanoma of Cervical and Parotid Lymph Nodes With an Unknown Primary Site—Nasri, S., Namazie, A., et al.	1194	M.V.: Prevalence of Carotid Canal Dehiscence in the Human Middle Ear: A Report of 1000 Temporal Bones	612
Mann, W.J., Beck, A., Schreiber, J., Maurer, J., Amedee, R.G., Gluckmann, J.L.: Ultrasonography for Evaluation of the Carotid Artery in Head and Neck Cancer	885	Moreano, E.H., Paparella, M.M., Zelterman, D., Goycoolea, M.V.: Prevalence of Facial Canal Dehiscence and of Persis- tent Stapedial Artery in the Human Middle Ear: A Report of 1000 Temporal Bones	309
Maulard, C., Housset, M., Delanian, S., Ucla, L., Rozec, C., Chauveinc, L., et al.: Salvage Split Course Brachytherapy for Tonsil and Soft Palate Carcinoma: Treatment Tech- niques and Results	359	Moreano, E.H., Paparella, M.M., Zelterman, D., Goycoolea, M.V.: Prevalence of Microfissures in the Human Temporal Bone: A Report of 1000 Temporal Bones	741
Maxillary Sinus Hypoplasia and Vertical Dystopia of the Orbit—Weed, D.T., Cole, R.R.		Morgan, W.E., Coker, N.J., Jenkins, H.A.: Histopathology of Temporal Bone Fractures: Implications for Cochlear Im- plantation	426
Maxillomandibular Fixation With Intraoral Cortical Bone Screws: A 2-Year Experience—Busch, R.F.	1048	Mori, K., Blaugrund, S.M., Yu, J.D.: Turbulent Noise Ratio: An Estimation of Noise Power of the Breathy Voice Using PARCOR Analysis	153
Maximal Stimulation and Facial Nerve Conduction Latency Tests: Predicting the Outcome of Bell's Palsy—Ruboyianes, J.M., Adour, K.K., et al	pl. 61	MRI Evaluation of the Sphenoid Sinus After Transsphenoidal Approach to the Pituitary—Stickney, K.O., Weymuller, E.A.	
Maxwell, K.S., Fitzgerald, J.E., Burleson, J.A., Leonard, G., Carponter, R., Kreutzer, D.L.: Interleukin-8 Expression in Otitis Media	989	Jr, et al. Mu, L., Sanders, I., Wu, B-L., Biller, H.F.: Intramuscular Innervation of the Human Interarytenoid Muscle	33
May, M., Levine, H.L., Mester, S.J., Schaitkin, B.: Complica- tions of Endoscopic Sinus Surgery: Analysis of 2108 Pa- tients—Incidence and Prevention	1080	Mucociliary Activity and Ultrastructural Abnormalities of Regenerated Sinus Mucosa in Rabbits—Min, Y-G., Kim, I.T., et al.	1482
May, M., Schaitkin, B., Kay, S.L.: Revision Endoscopic Sinus Surgery: Six Friendly Surgical Landmarks	766	Mucosal Melanoma of the Head and Neck: The Impact of Local Control on Survival—Lee, S.P., Shimizu, K.T., et al	121
Measurement of Adductory Force of Individual Laryngeal Muscles in an In Vivo Canine Model—Nasri, S., Sercarz, J.A., et al.	1213	Multichannel Cochlear Implantation in Obliterated Co- chleas Using the Gantz Procedure—Steenerson, R.L., Gary, L.B.	1071
Measurement of Laryngeal Resistance in the Evaluation of Botulinum Toxin Injection for Treatment of Focal Larynge- al Dystonia—Witsell, D.L., Weissler, M.C., et al	8	Murine Model of Otitis Media With Effusion: Immunohistochemical Demonstration of IL-1α Antigen Expression—	
Meniere's Disease: Role of Antibodies Against Basement Membrane Antigens—Fattori, B., Ghilardi, P., et al	1290	Johnson, M.D., Contrino, A., et al. Myssiorek, D., Vambutas, A., Abramson, A.L.: Carcinoma In	1143
Merkel Cell Carcinoma: An Aggressive Skin Neoplasm—Bielamowicz, S., Smith, D., et al.	528	Situ of the Glottic Larynx	463
lem:method:met	932	Nadol, J.B. Jr., Ketten, D.R., Burgess, B.J.: Otopathology in a Case of Multichannel Cochlear Implantation	299
Metson, R., Dallow, R.L., Shore, J.W.: Endoscopic Orbital Decompression	950	Naguib, M.B., Hunter, R.E., Henley, C.M.: Cochlear Poly- amines: Markers of Otitis Media-Induced Cochlear Dam-	
Metson, R., Woog, J.J., Puliafito, C.A.: Endoscopic Laser Dacryocystorhinostomy	269	age Nakayama, M., Ford, C.N., Brandenburg, J.H., Bless, D.M.:	1003
Middle Ear Mucosal Inflammation: An In Vivo Model—Chan, K.H., Swarts, J.D., et al	970	Sulcus Vocalis in Laryngeal Cancer: A Histopathologic Study	16

Nasal Cavity Area in Term Infants Determined by Acoustic Rhinometry—Buenting, J.E., Dalston, R.M., et al	1439	Parillaws Sessenas a Nordoma of the Head and Nede	
Nasal Cavity Dimensions in the Newborn Measured by Acous-	1009	Papillary Squamous Neoplasms of the Head and Neck— Ishiyama, A., Eversole, L.R., et al	1446
tic Reflections—Pedersen, O.F., Berkowitz, R., et al		Papillary Thyroid Carcinoma: Correlations Between Prog- nosis, Age, and Clinicopathological and Histomorphologi- cal Findings—Godballe, C., Asschenfeldt, P., et al	
Nasri, S., Sercarz, J.A., Azizzadeh, B., Kreiman, J., Berke, G.S.: Measurement of Adductory Force of Individual Laryn-		Pappas, D.G., Flexer, C., Shackelford, L.: Otological and Habilitative Management of Children With Down Syndrome	
geal Muscles in an In Vivo Canine Model	1213	Papsin, B.C., Abel, S.M., Nedzelski, J.M.: Frequency Selectivity in Patients With Acoustic Neuroma	
Berke, G.S.: Effects of Arytenoid Adduction on Laryngeal Function Following Ansa Cervicalis Nerve Transfer for Vocal Fold Paralysis in an In Vivo Canine Model	1187	Parapharyngeal Space Tumors: An Algorithm for Evaluation and Management—Pensak, M.L., Gluckman, J.L., et al	
Natural History of Untreated Acoustic Neuromas—Stras- nick, B., Glasscock, M.E. III, et al	1115	Parks, R.R., Huang, C-C., Haddad, J. Jr.: Evidence of Oxygen Radical Injury in Experimental Otitis Media	
Neonatal Nasal Deformities Secondary to Nasal Continuous Positive Airway Pressure—Loftus, B.C., Ahn, J., et al	1019	Parks, R.R., Yan, S-D., Huang, C-C.: Tumor Necrosis Factor— Alpha Production in Human Head and Neck Squamous Cell Carcinoma	
Neurosecretory Endings and Target Cells in the Synaptic Cleft of the Human Vocal Cord: An Electron Microscopic Study—Basterra, J., Dilly, P.N., et al	1264	Particle Repositioning Maneuver for Benign Paroxysmal Positional Vertigo—Welling, D.B., Barnes, D.E.	
New Combined Surgical Approach for Cancer Involving the		Passy, V.: Pathogenesis of Peritonsillar Abscess	185
Base of Tongue—Supraglottic Complex—Sanghvi, V New Keel Fixing Technique for Endoscopic Repair of Anterior	725	Patency of the Internal Jugular Vein Following Modified Radical Neck Dissection—Cotter, C.S., Stringer, S.P., et al.	
Commissure Webs—Lichtenberger, G., Toohill, R.J	771	Pathogenesis of Peritonsillar Abscess-Passy, V	185
New Method for Tracheoesophageal Puncture Under Topical Anesthesia—Gross, M., Hess, M.	233	Pedersen, O.F., Berkowitz, R., Yamagiwa, M., Hilberg, O.: Nasal Cavity Dimensions in the Newborn Measured by	
New Middle Meatal Antrostomy Stent for Functional Endo- scopic Sinus Surgery—Shikani, A.H.	629	Acoustic Reflections	
Noninvasive Optical Diagnosis of Bacteria Causing Otitis Media—Werkhaven, J.A., Reinisch, L., et al.	638	Pensak, M.L., Gluckman, J.L., Shumrick, K.A.: Parapharyn- geal Space Tumors: An Algorithm for Evaluation and Man- agement	
Norré, M.E.: Diagnostic Problems in Patients With Benign Paroxysmal Vertigo	1385	Pensak, M.L., Van Loveren, H., Tew, J.M. Jr., Keith, R.W.: Transpetrosal Access to Meningiomas Juxtaposing the Temporal Bone	•
0		Percutaneous Electromyography of the Posterior Cricoaryte-	
Olsen, K.D.: Tumors and Surgery of the Parapharyngeal SpaceSupj	pl. 63	noid Muscles: Electromyographic Needle Placement With Computed Tomographic Guidance—Clayman, D.A., Booth, R.P., et al.	,
Olsen, K.D., Daube, J.: Intraoperative Monitoring of the Facial Nerve: An Aid in the Management of Parotid Gland Recur- rent Pleomorphic Adenomas	229	Peretti, G., Cappielo, J., Nicolai, P., Smussi, C., Antonelli, A.R.: Endoscopic Laser Excisional Biopsy for Selected Glot- tic Carcinomas	
O'Malley, B.J. Jr., Adams, R.M., Sikes, M.L., Ledley, F.D.: Gene Transfer Into Human Thyroid Follicular Cells	1330	Phenytoin for Motion Sickness: Clinical Evaluation-Knox,	
Oral and Laryngeal Muscle Coordination During Swallow- ing—Gay, T., Rendell, J.K., et al.		G.W., Woodard, D., et al. Photodynamic Therapy and the Treatment of Neoplastic Dis-	935
Orlandi, R.R., Sercarz, J.A., Calcaterra, T.C.: Custom Silas-		eases of the Larynx-Biel, M.A.	399
tic® Keel for Anterior Laryngeal Reconstruction		Pleomorphic Adenoma: Effect of Tumor Spill and Inadequate Resection on Tumor Recurrence—Buchman, C., Stringer, S.P., et al.	,
ingitis—Djerić, D.R., Schachern P.A., et al	1453	Prediction of Facial Nerve Function Following Acoustic Neu-	
tients—Weiss, M.H., Liberatore, L.A., et al	5	roma Resection Using Intraoperative Facial Nerve Stimulation—Silverstein, H., Willcox, T.O. Jr., et al.	
Otoacoustic Emissions: An Approach for Monitoring Amino- glycoside-Induced Ototoxicity—Hotz, M.A., Harris, F.P., et al.	1130	Prediction of Occult Neck Disease in Laryngeal Cancer by Means of a Logistic Regression Statistical Model—Ghouri, A.F., Zamora, R.L., et al.	,
Otologic Manifestations of Experimental Rhinovirus Infection—Buchman, C.A., Doyle, W.J., et al.	1295	Preliminary Data on the Effect of Pharyngeal Flaps on the Upper Airway in Children With Velopharyngeal Inade-	
Otologic Manifestations of Neurofibromatosis—Smullen, S., Willcox, T., $et\ al.$	663	quacy – Witsell, D.L., Drake, A.F., et al. Preliminary Report: Endoscopic Versus External Surgery in	. 12
Otological and Habilitative Management of Children With Down Syndrome—Pappas, D.G., Flexer, C., et al	1065	the Management of Inverting Papilloma—McCary, W.S., Gross, C.W., et al.	,
Otopathology in a Case of Multichannel Cochlear Implantation—Nadol, J.B. Jr., Ketten, D.R., $et\ al.$	299	Present and Future Considerations in Otolaryngologic Publishing—Spector, J.G.	

Presswood, G., Zamboni, W.A., Stephenson, L.L., Santos, P.M.: Effect of Artificial Airway on Ear Complications From Hyperbaric Oxygen	1383	Roa, R.A., Hruban, R.H., McKenzie, P., Richtsmeier, W.: Tumor-Associated Glycoprotein Expression in Salivary Gland Mucoepidermoid Carcinomas: An Immunohisto- chemical Study Using the Monoclonal Antibody B72.3	304
Prevalence of Carotid Canal Dehiscence in the Human Mid- dle Ear: A Report of 1000 Temporal Bones—Moreano, E.H., Paparella, M.M., et al.	612	Robbins, K.T., Oppenheimer, R.W.: Incisions for Neck Dissec- tion Modifications: Rationale for and Application of Non-	
Prevalence of Facial Canal Dehiscence and of Persistent Stapedial Artery in the Human Middle Ear: A Report of 1000 Temporal Bones—Moreano, E.H., Paparella, M.M.,		trifurcate Patterns Roth, Y., Kronenberg, J.: Effect of Prostaglandin E ₂ and F _{2a} on Brain and Tracheal Ciliary Activity	1041 856
et al. Prevalence of Microfissures in the Human Temporal Bone: A Report of 1000 Temporal Bones—Moreano, E.H., Paparella,	309	Ruboyianes, J.M., Adour, K.K., Santos, D.Q., Von Doersten, P.G.: Maximal Stimulation and Facial Nerve Conduction Latency Tests: Predicting the Outcome of Bell's Palsy	pl. 61
M.M., et al.	741	S	pai oa
Programming the Cochlear Implant Based on Electrical Acoustic Reflex Thresholds: Patient Performance—Spivak, L.G., Chute, P.M., et al.	1225	Safety and Tolerability of the Implantable Recurrent Laryngeal Nerve Stimulator—Friedman, M., Wernicke, J.F., et al	1240
Pulec, J.L.: Technique to Avoid Cerebrospinal Fluid Oto- rhinorrhea With Translabyrinthine Removal of Acoustic Neuroma	382	Salvage Split Course Brachytherapy for Tonsil and Soft Pal- ate Carcinoma: Treatment Techniques and Results— Maulard, C., Housset, M., et al.	359
Pulsatile Tinnitus: Recent Advances in Diagnosis—Sismanis, A., Smoker, W.R.K.	681	Sanders, I., Rao, F., Biller, H.F.: Arytenoid Motion Evoked by Regional Electrical Stimulation of the Canine Posterior	
Purser, S., Irving, L., Marty, D.: Redundant Supraglottic Mucosa in Association With Obstructive Sleep Apnea	114	Cricoarytenoid Muscle Sanders, I., Wu, B-L., Mu, L., Biller, H.F.: Innervation of the Human Posterior Cricoarytenoid Muscle: Evidence for At	456
R		Least Two Neuromuscular Compartments	880
Radiographic Incidence of Chronic Sinus Disease in the Pedi- atric Population—Lesserson, J.A., Kieserman, S.P., et al	159	Sanghvi, V.: New Combined Surgical Approach for Cancer Involving the Base of Tongue-Supraglottic Complex	725
Rapid Tumor Cell Proliferation After Induction Chemo- therapy in Oropharyngeal Cancer—Bourhis, J., Wilson, G.,	400	Sataloff, R.T., Bough, I.D. Jr., Spiegel, J.R.: Arytenoid Dislocation: Diagnosis and Treatment	1353
et al. ras Mutations and Expression in Head and Neck Squamous Cell Carcinomas—Yarbrough, W.G., Shores, C., et al	468 1337	Saxton, R.E., Haghighat, S., Plant, D., Lufkin, R., Soudant, J., Castro, D.J.: Dose Response of Human Tumor Cells to Rhodamine 123 and Laser Phototherapy	1013
Reconstruction of the Hypopharynx Using Hemilarynx for Localized Pyriform Sinus Cancer—Kitahara, S., Inouye, T.,	****	Schuknecht, H.F., Nadol, J.B. Jr.: Temporal Bone Pathology in a Case of Cogan's Syndrome	1135
et al. Recurrences After Endoscopic Management of Early (T1)		Scintigraphic Assessment of Swallow Efficiency Post- laryngectomy—Hamlet, S.L., Wilson, S., et al	1159
Glottic Carcinoma—Thomas, J.V., Olsen, K.D., et al	523	Sclaroff, A., Gay, W.D., Hayden, R., Moran, C.: Treatment, Planning and Fabrication of Implant-Supported Auricular Prosthesis	1300
Reduction of Streptomycin-Induced Acute and Chronic Toxicities—Doretto, M.C., Marseillan, R.F., et al.	631	Seidman, D.A., Chute, P.M., Parisier, S.: Temporal Bone Imag- ing for Cochlear Implantation	562
Redundant Supraglottic Mucosa in Association With Obstructive Sleep Apnea—Purser, S., Irving, L., et al	114	Selective Inner Hair Cell Ototoxicity Induced by Carboplatin —Wake, M., Takeno, S., et al.	488
Reflex Laryngospasm Induced by Stimulation of Distal Esophageal Afferents—Bauman, N.M., Sandler, A.D., et al	209	Senior, B.A., Radkowski, D., MacArthur, C., Sprecher, R.C., Jones, D.: Changing Patterns in Pediatric Supraglottitis: A Multi-Institutional Review, 1980 to 1992	1314
Reinisch, L., Mendenhall, M., Charous, S., Ossoff, R.H.: Com- puter-Assisted Surgical Techniques Using the Vanderbilt Free Electron Laser	1323	Sensorineural Hearing Loss From Quinolinic Acid: A Neurotox- in in Middle Ear Effusions—Yellon, R.F., Rose, E., et al	176
Relationship Between Immune Complex and Total Hemolytic Complement in Endolymphatic Hydrops—Gutierrez, F., Moreno, P.M., et al.	1495	Serafini, G., Acra, W., Scuteri, F., Palmieri, A.M.R., Simon- celli, C.: Auditory Evoked Potentials at 40 Hz (SSR40Hz) in Post-Trauma Coma Patients	182
Reserpine Inhibits the NaK ATPase Activity of the Stria Vascularis in the Cochlea-Kanoh, N	197	Shatz, A., Hiss, Y., Hammel, I., Arensburg, B., Variend, S.: Age-Related Basement Membrane Thickening of the Vocal	OCE
Restoration of Anterior Mandible With the Free Fibula Osse- ocutaneous Flap—Cheung, S.W., Anthony, J.P., et al	105	Cords in Sudden Infant Death Syndrome (SIDS) Shidara, K., Suzuki, T., Hara, F., Nakajima, T.: Lack of Syner-	865
Review of Revision Functional Endoscopic Sinus Surgery—King, J.M., Caldarelli, D.D., et al.	404	gistic Association Between Human Papillomavirus and ras Gene Point Mutation in Laryngeal Carcinomas	1008
Revision Endoscopic Sinus Surgery: Six Friendly Surgical Landmarks—May, M., Schaitkin, B., et al.	766	Shikani, A.H.: New Middle Meatal Antrostomy for Functional Endoscopic Sinus Surgery	638
Revision Stapes Surgery With and Without Laser: A Comparison—Silverstein, H., Bendet, E., et al.		Silberberg, M.B., Savage, H.E., Tang, G.C., Sacks, P.G., Alfano, R.R., Schantz, S.P.: Detecting Retinoic Acid-Induced Biochemical Alterations in Squamous Cell Carcinoma	
Risk to Olfaction From Nasal Surgery-Kimmelman, C.P	981	Using Intrinsic Fluorescence Spectroscopy	278

	T	
1431	Takahashi, H., Honjo, I., Fujita, A.: Eustachian Tube Compliance in Cleft Palate—A Preliminary Study	83
539	Takala, A.K., Peltola, H., Eskola, J.: Disappearance of Epi- glottitis During Large-Scale Vaccination with <i>Haemophilus influenzae</i> Type B Conjugate Vaccine Among Children	701
	Technique to Avoid Cerebrospinal Fluid Otorhinorrhea With Translabyrinthine Removal of Acoustic Neuroma—Pulec,	731
222		002
681	McDougall, C.G., Higashida, R.T., et al.: Direct Puncture Coil Embolization of Maxillofacial High-Flow Vascular	1397
932	Temporal Bone Imaging for Cochlear Implantation—Seid-	
846		562
663	Temporal Bone in Multiple Myeloma—Li, W., Schachern, P.A., et al	675
1000	Temporal Bone Pathology in a Case of Cogan's Syndrome—Schuknecht, H.F., Nadol, J.B. Jr.	1135
1029	Testing Biomechanical Strength of Repairs for the Mandibu- lar Angle Fracture—Dichard, A., Klotch, D.W.	201
829	Tetracycline Sclerosis for Treatment of Benign Lympho-	
775	With Human Immunodeficiency Virus-Echavez, M.I., Lee,	
651		1499
	Thomas, J.V., Olsen, K.D., Neel, H.B. III, DeSanto, L.W., Suman, V.J.: Recurrences After Endoscopic Management of Early (T1) Glottic Carcinoma	
1029	Three-Dimensional Magnetic Resonance Imaging Evalua-	
1376	tion of Pediatric Tracheobronchial Tree—Donnelly, K.J., Bank, E.R., et al.	1425
	Three-Dimensional Models for Head and Neck Tumor Treat- ment Planning—Eisele, D.W., Richtsmeier, W.J., et al.	433
1225	Tinnitus Suppression by Electrical Stimulation of the Cochle-	
1071	hara, J	752
1	Tokushige, E., Itoh, K., Ushikai, M., Katahira, S., Fukuda, K.: Localization of IL-1β mRNA and Cell Adhesion Molecules in the Maxillary Sinus Mucosa of Patients With Chronic	
1115	Effect of Anesthetic Gas on Middle Ear Fluid	
eee	Tongue Reinnervation by Hypoglossal-Lingual Nerve Transfer—Weinberger, J.M., Houlden, D., et al.	
	Toriumi, D.M.: Subtotal Reconstruction of the Nasal Septum: A Preliminary Report	
906	cal Course and Current Treatment of Acute Epiglottitis in	
16		
1251	Pleomorphic Adenoma of the Parotid Gland: A 25-Year Experience with 229 Patients—Laccourreye, H., Laccour-	
627		
606	Surgery: An All or None Phenomenon? Abram, A.C., Bellian, K.T., et al.	
917	Tracheal Reconstruction Using an Epithelial Equivalent— Duff, B.E., Wenig, B.L., et al.	409
87	$\label{thm:continuous} \begin{tabular}{l} Tracheoes ophage all Puncture for Voice Restoration Following \\ Laryngotracheal Separation — Darrow, D.H., Robbins, K.T., \\ et al. \end{tabular}$	
	539 222 681 932 846 663 1029 829 775 651 1029 1376 1225 1071 1 1115 666 906 16 1251 627 606 917	Takahashi, H., Honjo, I., Fujita, A.: Eustachian Tube Compliance in Cleft Palate—A Preliminary Study Takala, A.K., Peltola, H., Eskola, J.: Disappearance of Epiglotitis During Large-Scale Vaccination with Haemophilus influenzae Type B Conjugate Vaccine Among Children in Finland Technique to Avoid Cerebrospinal Fluid Otorhinorrhea With Translabyrinthine Removal of Acoustic Neuroma—Pulec, J.L. Teitelbaum, G.P., Halbach, V.V., Fraser, K.W., Larsen, D.W., McDougall, C.G., Higashida, R.T., et al.: Direct Puncture Coil Embolization of Maxillofacial High-Flow Vascular Malformations Temporal Bone Imaging for Cochlear Implantation—Seidman, D.A., Chute, P.M., et al. Temporal Bone Imaging for Cochlear Implantation—Seidman, D.A., Chute, P.M., et al. Temporal Bone Pathology in a Case of Cogan's Syndrome—Schukmecht, H.F., Nadol, J.B. Jr. Testing Biomechanical Strength of Repairs for the Mandibular Angle Fracture—Dichard, A., Klotch, D.W. Tetracycline Sclerosis for Treatment of Benign Lymphoepithelial Cysts of the Parotid Gland in Patients Infected With Human Immunodeficiency Virus—Echavez, M.I., Lee, K.C., et al. Thomas, J.V., Olsen, K.D., Neel, H.B. III, DeSanto, L.W., Suman, V.J.: Recurrences After Endoscopic Management of Early (TI) Glottic Carcinoma Three-Dimensional Magnetic Resonance Imaging Evaluation of Pediatric Tracheobronchial Tree—Donnelly, K.J., Bank, E.R., et al. Three-Dimensional Models for Head and Neck Tumor Treatment Planning—Eisele, D.W., Richtsmeier, W.J., et al. Tinnitus Suppression by Electrical Stimulation of the Cochlear Wall and by Cochlear Implantation—Ito, J., Sakakihara, J. Tokushige, E., Itoh, K., Ushikai, M., Katahira, S., Fukuda, K. Localization of IL-1β mRNA and Cell Adhesion Molecules in the Maxillary Sinus Mucosa of Patients With Chronic Sinusitis Tom, L.W.C., Tsao, F., Marsh, R.R., Kessler, A., Konkle, D.F.: Effect of Anesthetic Gas on Middle Ear Fluid Tongue Reinnervation by Hypoglossal-Lingual Nerve Transfer—Weinberger, J.M., Houlden, D., et al. Toriumi, D.M.: Subtotal Rec

Tracheostomal Stenosis After Total Laryngectomy: An Analysis of Predisposing Clinical Factors—Kuo, M., Ho, C-M.,	59	Vrabec, D.P.: Inverted Schneiderian Papilloma: A 25-Year Study	582
et al. Transnasal Endoscopic Approach in Congenital Choanal Atresia—Kamel, R.	642	Vrabec, J.T., Schwaber, M.K., Davidson, J.M., Clymer, M.A.: Evaluation of Basic Fibroblast Growth Factor in Tympanic Membrane Repair	1059
Transpetrosal Access to Meningiomas Juxtaposing the Temporal Bone—Pensak, M.L., Van Loveren, H., et al	814	w	
Traumatic Pseudoaneurysm of the Intracavernous ICA Presenting With Massive Epistaxis: Imaging Diagnosis and		Wake, M., Takeno, S., Hawke, M.: Uncinate Process: A Histological and Morphological Study	364
Endovascular Treatment—Han, M.H., Sung, M.W., et al Treatment of Adductor Laryngeal Breathing Dystonia With Botulinum Toxin Type A—Grillone, G.A., Blitzer,	370	Wake, M., Takeno, S., Hawke, M.: Early Development of Sino-Nasal Mucosa	850
A., et al	30	Wake, M., Takeno, S., Ibrahim, D., Harrison, R.: Selective Inner Hair Cell Ototoxicity Induced by Carboplatin	488
Treatment of Aphthous Ulcers in AIDS Patients—Friedman, M., Brenski, A., et al.	566	Warren, D.W., Walker, J.C., Drake, A.F., Lutz, R.W.: Effects of Odorants and Irritants on Respiratory Behavior	623
Treatment of Paranasal Sinus Cancer With Cranial Base Surgery: Results—Janecka, I.P., Sen, C., et al	553	Warthin's Tumor: A 40-Year Experience at The Johns Hopkins Hospital—Yoo, G., Eisele, D.W., et al.	799
Treatment, Planning and Fabrication of Implant-Supported Auricular Prosthesis—Sclaroff, A., Gay, W.D., et al	1300	Wazen, J.J.: Intraoperative Monitoring of Auditory Function:	
Tumor Necrosis Factor—Alpha Production in Human Head and Neck Squamous Cell Carcinoma—Parks, R.R., Yan, S-D., et al.	860	Experimental Observations and New Applications	446 758
Tumor-Associated Glycoprotein Expression in Salivary Gland Mucoepidermoid Carcinomas: An Immunohisto- chemical Study Using the Monoclonal Antibody B72.3— Roa, R.A., Hruban, R.H., et al.	304	Weinberger, J.M., Houlden, D., Mackinnon, S.E., Evans, P.J.: Tongue Reinnervation by Hypoglossal-Lingual Nerve Transfer	215
Tumors and Surgery of the Parapharyngeal Space—Olsen, K.D		Weiss, M.H., Liberatore, L.A., Kraus, D.H., Budnick, A.S.: Otitis Media With Effusion in Head and Neck Cancer Patients	5
Turbulent Noise Ratio: An Estimation of Noise Power of the Breathy Voice Using PARCOR Analysis—Mori, K., Blaugrund, S.M., et al.	153	Welling, D.B., Barnes, D.E.: Particle Repositioning Maneuver for Benign Paroxysmal Positional Vertigo	946
Tvinnereim, M., Cole, P., Haight, J.S.J., Mateika, S., Hoffstein, V.: Sleep and Posture	846	Werkhaven, J.A., Reinisch, L., Sorrell, M., Tribble, J., Ossoff, R.H.: Noninvasive Optical Diagnosis of Bacteria Causing Otitis Media	264
U Ultrasonography and Ultrasound-Guided Fine-Needle Aspiration Biopsy of Head and Neck Lesions: A Surgical Perspective—McIvor, N.P., Freeman, J.L., et al.	669	Widick, M.H., Tanabe, T., Fortune, S., Zealear, D.L.: Awake Evoked Electromyography Recording From the Chron- ically Implanted Rat	420
Ultrasonography for Evaluation of the Carotid Artery in		Williams, R.G., Richards, S.H., Mills, R.G., Eccles, R.: Voice Changes in Acromegaly	484
Head and Neck Cancer—Mann, W.J., Beck, A., et al	885 364	Wiltschke, C., Kment, G., Swoboda, H., Knöbl, P., Kornek, G.V., Globits, S., et al.: Ventilation With the Combitube During Tracheotomy	763
Urquhart, A.C., Johnson, J.T., Myers, E.N., Schechter, G.L.: Glomus Vagale: Paraganglioma of the Vagus Nerve	440	Witsell, D.L., Drake, A.F., Warren, D.W.: Preliminary Data on the Effect of Pharyngeal Flaps on the Upper Airway in	
Uvulopalatopharyngoplasty for Snoring: Long-term Results— Levin, B.C., Becker, G.D.		Children With Velopharyngeal Inadequacy Witsell, D.L., Weissler, M.C., Donovan, M.K., Howard, J.F. Jr.,	12
V	2200	Martinkosky, S.J.: Measurement of Laryngeal Resistance in the Evaluation of Botulinum Toxin Injection for Treat-	
van Hasselt, C.A., John, D.G.: Diagnosing Nasopharyngeal Cancer	103	ment of Focal Laryngeal Dystonia	8
Variables Affecting Implant Performance in Children—Miyamoto, R.T., Osberger, M.J., et al.		Spread in Tracheal Tubes	874
Ventilation by Metal Suction Catheter During Tracheal Laser Surgery Performed on a Premature Infant—Lock, R.L.,	1120	Wolf, G.T., Fisher, S.G., Truelson, J.M., Beals, T.F., et al.: DNA Content and Regional Metastases in Patients With Ad- vanced Laryngeal Squamous Carcinoma	479
Audenaert, S.M., et al. Ventilation with the Combitube During Tracheotomy—Wiltschke, C., Kment, G., et al.	226 763	Woo, P., Casper, J., Colton, R., Brewer, D.: Diagnosis and Treatment of Persistent Dysphonia After Laryngeal Sur- gery: A Retrospective Analysis of 62 Patients	1084
Vienna Cochlear Implant in Patients With Obliteration of the		Woodson, B.T., Wooten, M.R.: Comparison of Upper-Airway Evaluations During Wakefulness and Sleep	821
Cochlea – Kürsten, R., Cozzarini, W., et al	79 484	Woodson, G.E., Murry, T.: Glottic Configuration After Aryte- noid Adduction	
Note and No. 1889	101	AND AMERICAN AND ASSESSMENT OF THE ASSESSMENT OF	000

SUBJECT

Acoustic Neuroma Cerebrospinal Fluid Leak Following Acoustic Neuroma Re-	
Cerebrospinal Fluid Leak Following Acoustic Neuroma Re-	
moval	
moval	1074
Frequency Selectivity in Patients with Acoustic Neuroma 1092 Alloplastic Reconstruction	
Histopathology and Growth Patterns of Cystic Acoustic Neuromas	on
Natural History of Untreated Acoustic Neuromas 1115 Plate (THORP)	545
Prediction of Facial Nerve Function Following Acoustic Neuroma Resection Using Intraoperative Facial Nerve Stimulation	1105
Technique to Avoid Cerebrospinal Fluid Otorhinorrhea With Translabyrinthine Removal of Acoustic Neuroma 382 **Aminoglycoside Antibiotics** Reduction of Streptomycin-Induced Acute and Chronic T	
Acoustic Rhinometry	631
Nasal Cavity Area in Term Infants Determined by Acoustic Rhinometry	
Nasal Cavity Dimensions in the Newborn Measured by Acoustic Reflections	
Acronegaly Juvenile Nasopharyngeal Fibroma: Androgen Receptors a Their Significance for Tumor Growth	
Voice Changes in Acromegaly	
Acute Epiglottitis Changed Clinical Course and Current Treatment of Acute Epiglottitis in Adults: A 12-Year Experience	
Acute Otitis Media Anesthetic Gas Effect of Anesthetic Gas on Middle Ear Fluid	832
Otologic Manifestations of Experimental Rhinovirus Infec-	002
Anterior Commissure Microwebs Associated With Vocal N	d-
Adductor Laryngeal Breathing Dystonia ules: Detection, Prevalence, and Significance	
Treatment of Adductor Laryngeal Breathing Dystonia With Botulinum Toxin Type A	
Adductory Force New Keel Fixing Technique for Endoscopic Repair of Anter Commissure Webs	
Measurement of Adductory Force of Individual Laryngeal Muscles in an In Vivo Canine Model	
Adenoid Hypertrophy Custom Silastic® Keel for Anterior Laryngeal Reconstruct	on 1167
Intraepithelial Lymphocyte Subpopulations and Dendritic Accessory Cells in Normal and Hypertrophic Adenoids 869 Anterior Skull Base Tumors Factors Affecting Survival of Patients With Tumors of	ha
Adipose Tissue Anterior Skull Base	
Juxtaposition Lipoma to Mastoid Seventh Nerve	
Age and Prognosis of Papillary Thyroid Carcinoma Carcinoma of the Soft Palate and Anterior Tonsillar Pillar	1477
Papillary Thyroid Carcinoma: Correlations Between Prog-	
nosis, Age, and Clinicopathological and Histomorphologi- cal Findings	
Age on the Inner Ear Antrostomy	
Is the Older Ear More Susceptible to Noise Damage? 1251 Applications of Image-Directed Robotics in Otolaryngold Surgery	
Age-Related Basement Membrane Thickening	
Age-Related Basement Membrane Thickening of the Vocal Cords in Sudden Infant Death Syndrome (SIDS)	566
AIDS Artificial Reflex Arc	
Treatment of Aphthous Ulcers in AIDS Patients 566 Artificial Reflex Arc: A Potential Solution for Chronic Aspi	
Airway Control tion. III. Stimulation of Implanted Cervical Skin as a Fu tional Graft Triggering Glottic Closure in the Canine	
Airway Control During Percutaneous Tracheotomy 1178 Arytenoid Adduction	
Airway Geometry Nasal Cavity Dimensions in the Newborn Measured by Acoustic Reflections	a-

Glottic Configuration After Arytenoid Adduction 965	Benign Paroxysmal Positional Vertigo	
Arytenoid Dislocation	Diagnostic Problems in Patients With Benign Paroxysmal Positional Vertigo	1385
Arytenoid Dislocation: Diagnosis and Treatment	Modified Liberatory Maneuver: Effective Treatment for Be- nign Paroxysmal Positional Vertigo	1206
Temporal Bone Pathology in a Case of Cogan's Syndrome 1135	Particle Repositioning Maneuver for Benign Paroxysmal Po- sitional Vertigo	946
Auditory Brainstem Response		340
Intraoperative Monitoring of Auditory Function: Experimental Observations and New Applications	Benzalkonium Chloride Effect of Decongestive Nosedrops on Human Respiratory	
Auditory Evoked Potentials	Mucosa In Vitro	1153
Auditory Evoked Potentials at 40 Hz (SSR40Hz) in Post- Trauma Coma Patients	Bilobed Radial Forearm Free Flap Bilobed Radial Forearm Free Flap for Functional Recon-	
Auditory Skills	struction of Near-Total Glossectomy Defects	893
Otological and Habilitative Management of Children With	Biomechanical Strength Testing	
Down Syndrome	Testing Biomechanical Strength of Repairs for the Mandibu- lar Angle Fracture	201
Auricular Reconstruction		MOZ
Auricular Reconstruction Using Postauricular Myocutaneous Flap	Biopsy for Nasopharyngeal Carcinoma Diagnosing Nasopharyngeal Cancer	103
Autoimmune Hearing Loss		
Methotrexate Therapy for Autoimmune Hearing Loss: A Pre-	Bioresorbable Screws	
liminary Report	Bioresorbable Screws for Facial Bone Reconstruction: A Pilot Study in Rabbits	556
Autologous Epithelial Equivalent	Bipolar Nerve Stimulator	
Tracheal Reconstruction Using an Epithelial Equivalent 409	Investigation of a Coaxial Bipolar Nerve Stimulator for Intra- operative Motor Nerve Monitoring	619
В	Birbeck Granules	
Bacterial Diagnosis		
Noninvasive Optical Diagnosis of Bacteria Causing Otitis Media	Langerhans' Cell Histiocytosis in Childhood: Management of Head and Neck Manifestations	64
Bacteriology	Bleeding Disorders	
Bacteriology of Antrum in Adults With Chronic Maxillary Sinusitis	Airway Obstruction in Hemophilia (Factor VIII Deficiency): A 28-Year Institutional Review	789
Balance Disorders	Blood and Laser-Induced Combustion	
Inner Ear Hair Cell Regeneration in a Mammal: Identification of a Triggering Factor	Effect of Blood on Laser-Resistant Endotracheal Tube Combustion	829
Base of Tongue Carcinoma	Blood Gas Analysis	
External Beam Irradiation Alone or Combined With Neck Dissection for Base of Tongue Carcinoma: An Alternative	Laryngeal Microsurgery Under General Anesthesia Using Small-Bore Endotracheal Tubes: Blood Gas Analysis	325
to Primary Surgery	Blood Transfusion	
Base of Tongue-Supraglottic Complex	Blood Transfusion and Other Prognostic Variables in the	
New Combined Surgical Approach for Cancer Involving the Base of Tongue	Survival of Patients With Cancer of the Head and Neck	95
	Botulinum Toxin	
Basement Membrane Age-Related Basement Membrane Thickening of the Vocal	Anatomic Considerations in Botulinum Toxin Type A Therapy for Spasmodic Dysphonia	656
Cords in Sudden Infant Death Syndrome (SIDS) 865 Basement Membrane Antigens	Measurement of Laryngeal Resistance in the Evaluation of Botulinum Toxin Injection for Treatment of Focal Laryn-	
Meniere's Disease: Role of Antibodies Against Basement	geal Dystonia	8
Membrane Antigens	Treatment of Adductor Laryngeal Breathing Dystonia With Botulinum Toxin Type A	30
Basic Fibroblast Growth Factor		
Evaluation of Basic Fibroblast Growth Factor in Tympanic Membrane Repair	Brachytherapy Salvage Split Course Brachytherapy for Tonsil and Soft Pal- ate Carcinoma: Treatment Techniques and Results	359
Bell's Palsy		500
Maximal Stimulation and Facial Nerve Conduction Latency Tests: Predicting the Outcome of Bell's PalsySuppl. 61	Brain Ventricular Slices Effect of Prostaglandin E_2 and F_{2a} on Brain and Tracheal	0.00
Benign Lymphoepithelial Cysts	Ciliary Activity	856
Tetracycline Sclerosis for Treatment of Benign Lympho- epithelial Cysts of the Parotid Gland in Patients Infected With Human Immunodeficiency Virus	Brainstem Evoked Potentials Superior Laryngeal Nerve Evoked Potentials: An Experimental Study in the Rabbit	627
TALMU IIIIIII ATOU		

Bronchial Anastomosis Experimental Revascularization of Airway Segments	736	Cervical-Parotid Approach Tumors and Surgery of the Parapharyngeal Space Supp	pl. 63
Buccal Mucosal Graft		Chemotherapy	
Frenuloplasty With a Buccal Mucosal Graft	378	Rapid Tumor Cell Proliferation After Induction Chemo- therapy in Oropharyngeal Cancer	468
C		Childhood Hearing Loss	
Cancer Pain Four-Drug Pain Regimen for Head and Neck Cancers	694	Fluctuating and/or Progressive Sensorineural Hearing Loss in Children	
Cancer Treatment		Chorda Tympani	
Mucosal Melanoma of the Head and Neck: The Impact of Local Control on Survival	121	Effect of Unilateral Chorda Tympani Damage on Taste Chronic Maxillary Sinusitis	25
Carbocyanine Dyes Evaluation of Four New Carbocyanine Dyes for Photo-		Bacteriology of Antrum in Adults With Chronic Maxillary Sinusitis	
dynamic Therapy With Lasers	996	Chronic Otitis Media	
Carboplatin		Acidic and Basic FGF mRNA Expression in the Middle Ear	
Selective Inner Hair Cell Ototoxicity Induced by Carboplatin	488	Mucosa During Experimental Acute and Chronic Otitis Media	
Carcinoma In Situ	400	Chronic Sinus Disease	
Carcinoma In Situ of the Glottic Larynx Photodynamic Therapy and the Treatment of Neoplastic Diseases of the Larynx	463 399	Radiographic Incidence of Chronic Sinus Disease in the Pediatric Population	
	555	Chronic Sinusitis	
Carotid Artery		Allergic Fungal Sinusitis: The Mayo Clinic Experience	1074
Carotid Artery Reconstruction Using Superficial Femoral Arterial Grafts Elective Carotid Artery Resection for Advanced Squamous	689	Localization of IL-1β mRNA and Cell Adhesion Molecules in the Maxillary Sinus Mucosa of Patients With Chronic Sinusitis	
Cell Carcinoma of the Neck	259		
Ultrasonography for Evaluation of the Carotid Artery in Head and Neck Cancer	885	Cisplatin Effect of Acquired Cisplatin Resistance on the Response of a Xenografted Human Hypopharynx Carcinoma to Concur- rent Radiochemotherapy With Cisplatin	
Carotid Canal Dehiscence Prevalence of Carotid Canal Dehiscence in the Human Mid-			020
dle Ear: A Report of 1000 Temporal Bones	612	Cleft Palate Eustachian Tube Compliance in Cleft Palate—A Preliminary	
Carotid Sinus Syncope	405	Study	00
Carotid Sinus Syncope in Head and Neck Cancer Cell Fusion	497	Clindamycin Efficacy of Topical Antibiotic Prophylaxis for Contaminated Head and Neck Surgery	
Epstein-Barr Virus Lytic Cycle Spreads Via Cell Fusion in a Nasopharyngeal Carcinoma Hybrid Cell Line	91	Cloning DNA	113
Central Neurofibromatosis		Cloning and Sequencing of Genomic DNA Extracted From	
Otologic Manifestations of Neurofibromatosis	663	Archival Human Temporal Bone Sections	127
Cerebellopontine Angle Tumors		CO ₂ Laser	
Effect of Intracranial Surgical Trauma on Gadolinium-En-		Endoscopic Treatment of Supraglottic and Hypopharynx	
hanced Magnetic Resonance Imaging	804	Cancer	71
Cer obral Angiography		Coaxial Stimulator Probe	
Pulsatile Tinnitus: Recent Advances in Diagnosis	681	Investigation of a Coaxial Bipolar Nerve Stimulator for Intra- operative Motor Nerve Monitoring	
Cerebrospinal Fluid Leak		Cochlear Implant Programming	
Cerebrospinal Fluid Leak Following Acoustic Neuroma Removal	40	Programming the Cochlear Implant Based on Electrical Acoustic Reflex Thresholds: Patient Performance	
Complications of Endoscopic Sinus Surgery: Analysis of 2108 Patients—Incidence and Prevention	1080	Cochlear Implantation	
Comphessional Fluid Otombinombon		Cochlear Implantation in Young Children: Histological Stud- ies on Head Growth, Leadwire Design, and Electrode Fixa-	
Cerebrospinal Fluid Otorhinorrhea Technique to Avoid Cerebrospinal Fluid Otorhinorrhea With		tion in the Monkey Model	
Translabyrinthine Removal of Acoustic Neuroma	382	Histopathology of Temporal Bone Fractures: Implications for Cochlear Implantation	
Cervical Lymph Nodes Malignant Melanoma of Cervical and Parotid Lymph Nodes	1107	Multichannel Cochlear Implantation in Obliterated Cochleas Using the Gantz Procedure	
With an Unknown Primary Site Cervical Necrotizing Fasciitis	1194	Otopathology in a Case of Multic ¹ : annel Cochlear Implanta- tion	
Cervical Necrotizing Fasciitis	795	Temporal Bone Imaging for Cochlear Implantation $\ldots \ldots$	562

Tinnitus Suppression by Electrical Stimulation of the Co-	750	Contaminated Head and Neck Surgery	
chlear Wall and by Cochlear Implantation	752 1120	Efficacy of Topical Antibiotic Prophylaxis for Contaminated Head and Neck Surgery	719
Vienna Cochlear Implant in Patients With Obliteration of the		Continuous Positive Airway Pressure	
Cochlea	79	Neonatal Nasal Deformities Secondary to Nasal Continuous	
Cochlear Polyamines		Positive Airway Pressure	1019
Cochlear Polyamines: Markers of Otitis Media-Induced Co-		Cranial Base Surgery	
chlear Damage	1003	Treatment of Paranasal Sinus Cancer With Cranial Base	
Cogan's Syndrome		Surgery: Results	553
Temporal Bone Pathology in a Case of Cogan's Syndrome	1135	C icoarytenoid Joint	
Collagen-Assisted Healing		Arytenoid Dislocation: Diagnosis and Treatment	1353
Collagen-Assisted Healing of Facial Wounds After Mohs Surgery	1267	Histopathologic Changes in the Aging Human Cricoaryte- noid Joint	
Collagen Gel Cultures		Cricohyoidoepiglottopexy	
Collagen Gel Cultures of Normal Salivary Gland: Conditions for Continued Proliferation and Maintenance of Major Cell Phenotypes In Vitro	335	Glottic Reconstruction After Cricohyoidoepiglottopexy With a Radial Forearm Free Flap That Includes the Tendon of the Palmaris Longus: Preliminary Results and Perspec- tives	
Coma		Cyproterone	
Auditory Evoked Potentials at 40 Hz (SSR40Hz) in Post- Trauma Coma Patients	182	Juvenile Nasopharyngeal Fibroma: Androgen Receptors and Their Significance for Tumor Growth	
Combined Surgical Approach			1100
New Combined Surgical Approach for Cancer Involving the Base of Tongue	725	Cystic Acoustic Neuromas Histopathology and Growth Patterns of Cystic Acoustic Neu-	
Combitube	120	romas	
Ventilation With the Combitube During Tracheotomy \hdots	763	Cytokines	
Compartments of PCA Muscle		Cytokines in Experimental Otitis Media With Effusion	191
Innervation of the Human Posterior Cricoarytenoid Muscle: Evidence for at Least Two Neuromuscular Compartments	880	D	
		Dacryocystorhinostomy	000
Compound Subscapular System Free-Tissue Transfer Compound Subscapular System Free-Tissue Transfer for Facial Reanimation and Resurfacing: A Case Report	768	Endoscopic Laser Dacryocystorhinostomy Decongestive Nosedrops	269
Compression Plates	700	Effect of Decongestive Nosedrops on Human Respiratory Mucosa In Vitro	
Testing Biomechanical Strength of Repairs for the Mandibu-			
lar Angle Fracture	201	Deglutition Problems Surgical Variables Affecting Postoperative Swallowing Effi-	
Computer-Assisted Surgery		ciency in Oral Cancer Patients: A Pilot Study	
Computer-Assisted Endoscopic Sinus Surgery	901	Dematiaceous Fungi	
Computer-Assisted Surgical Techniques Using the Vander- bilt Free Electron Laser	1323	Allergic Fungal Sinusitis: The Mayo Clinic Experience	1074
Computed Tomography		Dendritic Accessory Cells	
Radiographic Incidence of Chronic Sinus Disease in the Pediatric Population	159	Intraepithelial Lymphocyte Subpopulations and Dendritic Accessory Cells in Normal and Hypertrophic Adenoids	
Temporal Bone Imaging for Cochlear Implantation	562	Dental Impression of the Maxilla	
Congenital Aural Atresia		Three-Dimensional Models for Head and Neck Tumor Treat- ment Planning	
Congenital Aural Atresia		Direct Eighth Nerve Monitoring	
Surgical Management of Congenital Aural Atresia	606	Intraoperative Monitoring of Auditory Function: Experimen-	
Congenital Choanal Atresia		tal Observations and New Applications	446
Transnasal Endoscopic Approach in Congenital Choanal At-	040	Direct-Puncture Coil Embolization	
resia Congenital Cholesteatoma	642	Direct-Puncture Coil Embolization of Maxillofacial High- Flow Vascular Malformations	
Congenital CholesteatomaSup	pl. 62		
Congenital Ear Anomalies		Distal Esophageal Sensory Nerves	
Speech Recognition in Patients After Successful Surgery for Unilateral Congenital Ear Anomalies	1029	Reflex Laryngospasm Induced by Stimulation of Distal Esophageal Afferents	
	1020	Distant Metastases	
Conservative Management of Acoustic Neuromas Natural History of Untreated Acoustic Neuromas	1115	Distant Metastases From Head and Neck Squamous Cell Carcinomas	

Diverticulopexy		Electronic Publishing	
Esophageal Diverticulum: Diverticulopexy Versus Diverticulectomy	889	Present and Future Considerations in Otolaryngologic Publishing	651
Dix-Hallpike Maneuver		Embryonic Cell Rest	
Diagnostic Problems in Patients With Benign Paroxysmal Positional Vertigo	1385	Congenital Cholesteatoma	ol. 62
	1000	Embryonic Development of Nasal Mucosa	
DNA		Early Development of Sino-Nasal Mucosa	850
DNA Content and Regional Metastases in Patients With Advanced Laryngeal Squamous Carcinoma	479	Endocrine Carcinoma of the Skin	
DNA Claring		Merkel Cell Carcinoma: An Aggressive Skin Neoplasm	528
DNA Cloning			
Cloning and Sequencing of Genomic DNA Extracted From Archival Human Temporal Bone Sections	127	Endolymphatic Hydrops Relationship Between Immune Complex and Total Hemolytic	
Doll's Eye Reflex		Complement in Endolymphatic Hydrops	1495
Functional Loss of the Horizontal Doll's Eye Reflex Following Unilateral Vestibular Lesions	473	Endoscopic Excision	
D 6 I		Preliminary Report: Endoscopic Versus External Surgery in the Management of Inverting Papilloma	415
Down Syndrome		the management of inverting raphioma	410
Otological and Habilitative Management of Children With Down Syndrome	1065	Endoscopic Excisional Biopsy Endoscopic Laser Excisional Biopsy for Selected Glottic Car-	
Downstream Flame	071	cinomas	1276
Intraluminal Flame Spread in Tracheal Tubes	874	Endoscopic Nasal Surgery	
Dysphagia		Endoscopic Laser Dacryocystorhinostomy	269
Scintigraphic Assessment of Swallow Efficiency Post-			
laryngectomy	1159	Endoscopic Photography	
Dysphonia		Endoscopic Photography: Solving the Difficulties of Practical	1045
Diagnosis and Treatment of Persistent Dysphonia After		Application	1045
Laryngeal Surgery: A Retrospective Analysis of 62 Pa-		Endoscopic Septoplasty	
tients	1084	Endoscopic Septoplasty	1507
Dystonia		F-1	
Anatomic Considerations in Botulinum Toxin Type A Thera-		Endoscopic Sinus Surgery	001
py for Spasmodic Dysphonia	656	Computer-Assisted Endoscopic Sinus Surgery Endoscopic Surgery	901
E		Complications of Endoscopic Sinus Surgery: Analysis of	
Ear Malformations		2108 Patients—Incidence and Prevention	1080
Congenital Aural Atresia	1219	Recurrences After Endoscopic Management of Early (T1)	
Surgical Management of Congenital Aural Atresia		Glottic Carcinoma	1099
Early Glottic Carcinoma		Endosteal Implants	
Recurrences After Endoscopic Management of Early (T1) Glottic Carcinoma		Endosteal Implants Following Tumor Surgery and Avulsive Trauma	504
Ciona Cardiona	1000		
Early Language Development		Endotracheal Tube	
Otological and Habilitative Management of Children With Down Syndrome		Tracheal Reconstruction Using an Epithelial Equivalent	409
Electrical Acoustic Reflex Threshold		Endotracheal Tube Fires	
Programming the Cochlear Implant Based on Electrical		Effect of Blood on Laser-Resistant Endotracheal Tube Combustion	829
Acoustic Reflex Thresholds: Patient Performance	1225	Intraluminal Flame Spread in Tracheal Tubes	874
Electrical Stimulation of the Cochlear Wall		F-11I C	
Tinnitus Suppression by Electrical Stimulation of the Co- chlear Wall and by Cochlear Implantation	752	Epidermal Growth Factor Receptor Carcinoma In Situ of the Glottic Larynx	463
		Epiglottitis	
Electrocochleography			
Intraoperative Monitoring of Auditory Function: Experimental Observations and New Applications	446	Disappearance of Epiglottitis During Large-Scale Vaccina- tion with <i>Haemophilus influenzae</i> Type B Conjugate Vac- cine Among Children in Finland	791
Electromyographic Needle Placement		vano among common in railland	731
Percutaneous Electromyography of the Posterior Cricoaryte-		Epilepsy	
noid Muscles: Electromyographic Needle Placement With		Safety and Tolerability of the Implantable Recurrent Laryn-	
Computed Tomographic Guidance	1393	geal Nerve Stimulator	1240
Electron Microscopy		Epstein-Barr Virus	
Electron-Microscopic Observations on the Muscular Coat of		Epstein-Barr Virus Lytic Cycle Spreads Via Cell Fusion in a	
Swell Bodies in Human Nasal Mucosa		Nasopharyngeal Carcinoma Hybrid Cell Line	91

Esophageal Diverticulum		Fine-Needle Aspiration Biopsy	
	889	Ultrasonography and Ultrasound-Guided Fine-Needle Aspiration Biopsy of Head and Neck Lesions: A Surgical Perspective	669
Esthesioneuroblastoma			
Factors Affecting Survival of Patients with Tumors of the Anterior Skull Base	940	Fluorescence Spectroscopy Noninvasive Optical Diagnosis of Bacteria Causing Otitis Media	264
Ethmoid Labyrinth			
Intranasal Ethmoidectomy: Evolution and an Assessment of the Procedure	. 64	Focal Laryngeal Dystonia Measurement of Laryngeal Resistance in the Evaluation of Botulinum Toxin Injection for Treatment of Focal Laryn-	
Eustachian Tube		geal Dystonia	8
Eustachian Tube Compliance in Cleft Palate—A Preliminary	99	Free Autografts	
Study	83	Carotid Artery Reconstruction Using Superficial Femoral	689
Parapharyngeal Space Tumors: An Algorithm for Evaluation			
and Management 1	170	Free Fibula Osseocutaneous Flap Restoration of Anterior Mandible With the Free Fibula Os-	
Evoked Electromyography		seocutaneous Flap	105
Awake Evoked Electromyography Recording From the Chronically Implanted Rat	420	Free Radicals Evidence of Oxygen Radical Injury in Experimental Otitis	
Exophthalmos		Media 1	389
Endoscopic Orbital Decompression	950	Frenuloplasty	
Experimental Otitis Media		Frenuloplasty With a Buccal Mucosal Graft	378
Evidence of Oxygen Radical Injury in Experimental Otitis Media	380	Frequency Selectivity	
ANGULU	000	Frequency Selectivity in Patients With Acoustic Neuroma 1	092
External Beam Irradiation		Full-Thickness Skin Defects	
External Beam Irradiation Alone or Combined With Neck Dissection for Base of Tongue Carcinoma: An Alternative to Primary Surgery	466	Collagen-Assisted Healing of Facial Wounds After Mohs Surgery	267
Fortnethunoidal Invesion		Functional Endonasal Sinus Surgery	
Extrathyroidal Invasion Papillary Thyroid Carcinoma: Correlations Between Prognosis, Age, and Clinicopathological and Histomorphological.	7.47	Endoscopic Septoplasty	
cal Findings	747	Surgery: An All or None Phenomenon?	921
F		Functional Endoscopic Sinus Surgery New Middle Meatal Antrostomy Stent for Functional Endo-	
Facial Bone Reconstruction		scopic Sinus Surgery	638
Bioresorbable Screws for Facial Bone Reconstruction: A Pilot Study in Rabbits	556	Review of Revision Functional Endoscopic Sinus Surgery Uncinate Process: A Histological and Morphological Study	404 364
Facial Canal Dehiscence			
Prevalence of Facial Canal Dehiscence and of Persistent		G	
Stapedial Artery in the Human Middle Ear: A Report of 1000 Temporal Bones	309	Gadolinium-Enhanced MRI Effect of Intracranial Surgical Trauma on Gadolinium-Enhanced Magnetic Resonance Imaging	804
	922	Natural History of Untreated Acoustic Neuromas	
	322		110
Prediction of Facial Nerve Function Following Acoustic Neu- roma Resection Using Intraoperative Facial Nerve Stimu- lation	539	Gantz Procedure Multichannel Cochlear Implantation in Obliterated Cochleas Using the Gantz Procedure	071
Surgical Management of Previously Untreated Glomus Jug- ulare Tumors	917	Gastroesophageal Reflux	011
Facial Nerve Conduction Latency Tests	011	Reflex Laryngospasm Induced by Stimulation of Distal	209
Maximal Stimulation and Facial Nerve Conduction Latency			200
Tests: Predicting the Outcome of Bell's PalsySuppl	l. 61	Gene Transfer Gene Transfer Into Human Thyroid Follicular Cells 1	330
Facial Reanimation			
Compound Subscapular System Free-Tissue Transfer for Facial Reanimation and Resurfacing: A Case Report	768	Gifted Hearing-Impaired Youth Hearing Research Career Development for Deaf Students	1105
Fibroblast Growth Factors			
Acidic and Basic TGF mRNA Expression in the Middle Ear		Glial Fibrillary Acidic Protein	
Mucosa During Experimental Acute and Chronic Otitis Media	350	Histopathology and Growth Patterns of Cystic Acoustic Neuromas	348

Glomus Tumors Long-Term Results of Treatment for Glomus Jugulare and		Hearing-Impaired College Students Hearing Research Career Development for Deaf Students	1105
Glomus Vagale Tumors With Radiotherapy	1461	Hemophilia	
Surgical Management of Previously Untreated Glomus Jug- ulare Tumors	917	Airway Obstruction in Hemophilia (Factor VIII Deficiency): A 28-Year Institutional Review	789
Glomus Vagale		Hemorrhage	
Glomus Vagale: Paraganglioma of the Vagus Nerve	440	Complications of Endoscopic Sinus Surgery: Analysis of 2108 Patients – Incidence and Prevention	1080
Glossectomy Reconstruction			1000
Bilobed Radial Forearm Free Flap for Functional Reconstruction of Near-Total Glossectomy Defects	893	Hib-Conjugate Vaccines Disappearance of Epiglottitis During Large-Scale Vaccina-	
Glottic Carcinomas		tion with Haemophilus influenzae Type B Conjugate Vac- cine Among Children in Finland	731
Endoscopic Laser Excisional Biopsy for Selected Glottic Car-			101
cinomas	1276	High-Performance Liquid Chromatography	
Factors Associated With Recurrence and Voice Quality Fol- lowing Radiation Therapy for T1 and T2 Glottic Car-		Cochlear Polyamines: Markers of Otitis Media-Induced Co- chlear Damage	1003
cinomas	294	Histamine	
Glottic Closure		Middle Ear Mucosal Inflammation: An In Vivo Model	970
Artificial Reflex Arc: A Potential Solution for Chronic Aspira-		Histiocytosis X	
tion. III. Stimulation of Implanted Cervical Skin as a Functional Graft Triggering Glottic Closure in the Canine	1259	Langerhans' Cell Histiocytosis in Childhood: Management of Head and Neck Manifestations	64
		Horizontal Vestibulo-Ocular Reflex	
Glottic Configuration Glottic Configuration After Arytenoid Adduction	965	Horizontal Vestibulo-Ocular Reflex Gain During Active and Passive High-Frequency Head Movements	140
Glottic Larynx		How I Do It	
Carcinoma In Situ of the Glottic Larynx	463	Airway Control During Percutaneous Tracheotomy	1178
Glycoprotein Expression		Auricular Reconstruction Using Postauricular Myocutaneous Flap	778
Tumor-Associated Glycoprotein Expression in Salivary Gland Mucoepidermoid Carcinomas: An Immunohisto- chemical Study Using the Monoclonal Antibody B72.3	304	Bilobed Radial Forearm Free Flap for Functional Reconstruction of Near-Total Glossectomy Defects	893
themed beddy come the hometonia thereout brate	001	Carotid Sinus Syncope in Head and Neck Cancer	497
Graft Preservation Comparison of Preservation Techniques in a Vascularized		Changed Clinical Course and Current Treatment of Acute Epiglottitis in Adults: A 12-Year Experience	1503
Rat Laryngeal Transplant Model	666	Closure of Persistent Tracheoesophageal Fistulas After Removal of the Voice Prosthesis	
Graves' Disease Endoscopic Orbital Decompression	950	Compound Subscapsular System Free-Tissue Transfer for	494
н		Facial Reanimation and Resurfacing: A Case Report	
H		Computer-Assisted Endoscopic Sinus Surgery	901
Haemophilus influenzae Type B Changed Clinical Course and Current Treatment of Acute		Custom Silastic® Keel for Anterior Laryngeal Reconstruction	
Epiglottitis in Adults: A 12-Year Experience	1503	Diagnosing Nasopharyngeal Cancer	103
Changing Patterns in Pediatric Supraglottitis: A Multi-Insti- tutional Review, 1980 to 1992	1314	Direct-Puncture Coil Embolization of Maxillofacial High- Flow Vascular Malformations	1397
Disappearance of Epiglottitis During Large-Scale Vaccina-	1011	Endoscopic Photography: Solving the Difficulties of Practical Application	1045
tion with Haemophilus influenzae Type B Conjugate Vac- cine Among Children in Finland	731	Endoscopic Septoplasty	1507
Head and Neck Cancer	101	Endosteal Implants Following Tumor Surgery and Avulsive	504
Four-Drug Pain Regimen for Head and Neck Cancers	694	Esophageal Diverticulum: Diverticulopexy Versus Diver-	004
Mucosal Melanoma of the Head and Neck: The Impact of	034	ticulectomy	889
Local Control on Survival	121	Frenuloplasty With a Buccal Mucosal Graft	378
Otitis Media With Effusion in Head and Neck Cancer Patients	5	Glottic Reconstruction After Cricohyoidoepiglottopexy With a Radial Forearm Free Flap That Includes the Tendon of the Palmaris Longus: Preliminary Results and Perspec-	
Head and Neck Tumors		tives	1035
Three-Dimensional Models for Head and Neck Tumor Treatment Planning	433	Incisions for Neck Dissection Modifications: Rationale for and Application of Nontrifurcate Patterns	1041
Ultrasonography and Ultrasound-Guided Fine-Needle Aspiration Biopsy of Head and Neck Lesions: A Surgical Per-		Intraoperative Monitoring of the Facial Nerve: An Aid in the Management of Parotid Gland Recurrent Pleomorphic Ad-	
spective	669	enomas	229

Magnetic Resonance Angiography of Vascular Anomalies of the Middle Ear	1404	Lack of Synergistic Association Between Human Papilloma- virus and ras Gene Point Mutation in Laryngeal Carcino- mas	1000
Maxillary Sinus Hypoplasia and Vertical Dystopia of the Orbit	758	Laryngeal Verrucous Carcinoma: A Clinicopathologic Study	1000
Maxillomandibular Fixation With Intraoral Cortical Bone Screws: A 2-Year Experience	1048	and Detection of Human Papillomavirus Using Polymerase Chain Reaction	146
Modified Young's Procedure for Refractory Epistaxis Due to		Recurrent Respiratory Papillomatosis: Juvenile Versus Adult Forms	523
Hereditary Hemorrhagic Telangiectasia	. 1174	Human Parvovirus B19	
New Keel Fixing Technique for Endoscopic Repair of Anterior Commissure Webs	771	Immune-Mediated Inner Ear Disease and Parvovirus B19 :	1235
New Method for Tracheoesophageal Puncture Under Topical	200	Human Respiratory Mucosa	
Anesthesia New Middle Meatal Antrostomy Stent for Functional Endo-	233	Effect of Decongestive Nosedrops on Human Respiratory Mucosa In Vitro	1153
scopic Sinus Surgery	638	Human Thyroid Follicular Cells	
Parapharyngeal Space Tumors: An Algorithm for Evaluation and Management	1170	Gene Transfer Into Human Thyroid Follicular Cells	1330
Percutaneous Electromyography of the Posterior Cri-		Human Vocal Cord	
coarytenoid Muscles: Electromyographic Needle Place- ment With Computed Tomographic Guidance	1393	Neurosecretory Endings and Target Cells in the Synaptic Cleft of the Human Vocal Cord: An Electron Microscopic Study	1964
Reconstruction of the Hypopharynx Using Hemilarynx for			1204
Localized Pyriform Sinus Cancer	1401	Humidity	
Redundant Supraglottic Mucosa in Association With Ob- structive Sleep Apnea	114	Effects of Low Humidity on the Rat Middle Ear	1055
Restoration of Anterior Mandible With the Free Fibula Os-		Hydroxylapatite Prosthesis	1010
seocutaneous Flap	105	Congenital Aural Atresia	1219
Revision Endoscopic Sinus Surgery: Six Friendly Surgical		Hyperbaric Oxygen Therapy	
Landmarks	766	Effect of Artificial Airway on Ear Complications From Hyper- baric Oxygen	1383
Spanner Malleus-Stapes/Footplate Assembly	775		1000
Subtotal Reconstruction of the Nasal Septum: A Preliminary Report	906	Hypericin Hypericin Uptake in Rabbits and Nude Mice Transplanted	
Technique to Avoid Cerebrospinal Fluid Otorhinorrhea With Translabyrinthine Removal of Acoustic Neuroma	382	With Human Squamous Cell Carcinomas: Study of a New Sensitizer for Laser Phototherapy	1471
Tetracycline Sclerosis for Treatment of Benign Lympho-		Hypoglossal-Lingual Nerve Transfer	
epithelial Cysts of the Parotid Gland in Patients Infected With Human Immunodeficiency Virus	1499	Tongue Reinnervation by Hypoglossal-Lingual Nerve Transfer	215
Tracheoesophageal Puncture for Voice Restoration Following		Hypopharyngeal Reconstruction	
Laryngotracheal Separation Transnasal Endoscopic Approach in Congenital Choanal At-	1163	Reconstruction of the Hypopharynx Using Hemilarynx for Localized Pyriform Sinus Cancer	1401
resia	642	Hypopharynx Carcinoma	
Traumatic Pseudoaneurysm of the Intracavernous ICA Pre-		Effect of Acquired Cisplatin Resistance on the Response of a	
senting With Massive Epistaxis: Imaging Diagnosis and Endovascular Treatment	370	Xenografted Human Hypopharynx Carcinoma to Concur- rent Radiochemotherapy With Cisplatin	329
Treatment, Planning and Fabrication of Implant-Supported Auricular Prosthesis	1300	Endoscopic Treatment of Supraglottic and Hypopharynx Cancer	71
Ventilation by Metal Suction Catheter During Tracheal Laser		Hypophysectomy	
Surgery Performed on a Premature Infant		Voice Changes in Acromegaly	484
Ventilation With the Combitube During Tracheotomy	763	Hypothyroidism	101
Human Nasal Mucosa		Hypothyroidism in Head and Neck Cancer Patients: Experi-	
Early Development of Sino-Nasal Mucosa	850	mental and Clinical Observations Supp	pl. 66
Human Olfactory Biopsy		I	
Effect of Human Olfactory Biopsy on Olfaction: A Prelimi-	005	Iliac Crest Free Flap	
nary Report	837	Fibular and Iliac Crest Osteomuscular Free Flap Reconstruction of the Oral Cavity	1305
Human Papillomavirus Human Papillomavirus and Normal Nasal Mucosa: Detection			
of Human Papillomavirus DNA in Normal Nasal Mucosa		Image-Directed Robotics Applications of Image-Directed Robotics in Otolaryngologic	
Biopsies by Polymerase Chain Reaction and In Situ Hybridization	755	Surgery	283
Human Papillomavirus Types 11 and 16 Detected in Na-		Immune Complex	
sopharyngeal Carcinomas by the Polymerase Chain Reaction	99	Relationship Between Immune Complex and Total Hemolytic Complement in Endolymphatic Hydrops	1495

Immune-Mediated Inner Ear Disease Immune-Mediated Inner Ear Disease and Parvovirus B19	1235	Intraoperative Tumor Spill Pleomorphic Adenoma: Effect of Tumor Spill and Inadequate	
Immunacutachamietre		Resection on Tumor Recurrence	1231
Immunocytochemistry		Intraoral Cortical Bone Screws	
ras Mutations and Expression in Head and Neck Squamous Cell Carcinomas	1337	Maxillomandibular Fixation With Intraoral Cortical Bone Screws: A 2-Year Experience	
Implant-Supported Auricular Prosthesis			1010
Treatment, Planning and Fabrication of Implant-Supported		Intrinsic Fluorescence Spectroscopy	
Auricular Prosthesis	1300	Detecting Retinoic Acid-Induced Biochemical Alterations in	
Inner Hair Cell Ototoxicity		Squamous Cell Carcinoma Using Intrinsic Fluorescence	
Selective Inner Hair Cell Ototoxicity Induced by Carboplatin	488	Spectroscopy	278
	200	Intubation Trauma	
Inner Hair Cell Regeneration		Arytenoid Dislocation: Diagnosis and Treatment	1353
Inner Ear Hair Cell Regeneration in a Mammal: Identifica-	701	Inverted Schneiderian Papilloma	
tion of a Triggering Factor	701	Inverted Schneiderian Papilloma: A 25-Year Study	582
Inner Hair Cells	1051	Inverting Papilloma	
Is the Older Ear More Susceptible to Noise Damage?	1251		
Interarytenoid Muscle		Preliminary Report: Endoscopic Versus External Surgery in the Management of Inverting Papilloma	415
Intramuscular Innervation of the Human Interarytenoid			110
Muscle	33	Ischemia	
Interleukin-1a		Comparison of Preservation Techniques in a Vascularized	000
Murine Model of Otitis Media With Effusion: Immu-		Rat Laryngeal Transplant Model	666
nohistochemical Demonstration of IL-1\alpha Antigen Expres-		Isshiki Thyroplasty Type I	
sion	1143	Long-Term Changes in Vocal Quality Following Isshiki Thy-	
Interleukin-18		roplasty Type I	275
Localization of IL-1β mRNA and Cell Adhesion Molecules in		J	
the Maxillary Sinus Mucosa of Patients With Chronic			
Sinusitis	1245	Juvenile Nasopharyngeal Fibroma	
Interleukin-8		Juvenile Nasopharyngeal Fibroma: Androgen Receptors and Their Significance for Tumor Growth	1125
Interleukin-8 Expression in Otitis Media	989		1100
		Juxtaposition Lipoma	
Internal Jugular Vein		Juxtaposition Lipoma to Mastoid Seventh Nerve	135
Patency of the Internal Jugular Vein Following Modified Radical Neck Dissection	841	K	
Intrabolus Forces		Keel Fixing Technique	
Analysis of Intrabolus Forces in Patients With Zenker's Di-		New Keel Fixing Technique For Endoscopic Repair of Ante-	
verticulum	571	rior Commissure Webs	771
Intracavernous Internal Carotid Artery		T	
Traumatic Pseudoaneurysm of the Intracavernous ICA Pre-		L	
senting With Massive Epistaxis: Imaging Diagnosis and		Langerhans' Cell Histiocytosis	
Endovascular Treatment	370	Langerhans' Cell Histiocytosis in Childhood: Management of Head and Neck Manifestations	64
Intracranial Surgical Trauma		Laryngeal Cancer	
Effect of Intracranial Surgical Trauma on Gadolinium-En-		DNA Content and Regional Metastases in Patients With	
hanced Magnetic Resonance Imaging	804	Advanced Laryngeal Squamous Carcinoma	479
Intraepithelial Lymphocytes		Elective Carotid Artery Resection for Advanced Squamous	
Intraepithelial Lymphocyte Subpopulations and Dendritic		Cell Carcinoma of the Neck	259
Accessory Cells in Normal and Hypertrophic Adenoids	869	High Relative Risk of a Second Pulmonary Cancer in Patients	
Intraluminal Flame Spread		Affected by Laryngeal Cancer: Differences by Specific Site	
Intraluminal Flame Spread in Tracheal Tubes	874	of Occurrence and Lung Cancer Histotype	
Intranasal Ethmoidectomy	014	Lack of Synergistic Association Between Human Pa- pillomavirus and ras Gene Point Mutation in Laryngeal	
Intranasal Ethmoidectomy: Evolution and an Assessment of		Carcinomas	
the ProcedureSupp	pl. 64	Photodynamic Therapy and the Treatment of Neoplastic	
Intraoperative Facial Nerve Stimulation		Diseases of the Larynx	
Prediction of Facial Nerve Function Following Acoustic Neu- roma Resection Using Intraoperative Facial Nerve Stimu-		Prediction of Occult Neck Disease in Laryngeal Cancer by Means of a Logistic Regression Statistical Model	
lation	539	Sulcus Vocalis in Laryngeal Cancer: A Histopathologic Study	
Intraoperative Motor Nerve Monitoring		Laryngeal Dystonia	
Investigation of a Coaxial Bipolar Nerve Stimulator for Intra- operative Motor Nerve Monitoring	619	Treatment of Adductor Laryngeal Breathing Dystonia With Botulinum Toxin Type A	
operative motor retive monitoring	013	Dotamun toxin type A	30

Laryngeal Elevation Activation and Coordination Patterns of the Suprahyoid Mus-		Lateral Thoracic Fascial Flap Experimental Revascularization of Airway Segments	736
cles During Swallowing	1376	Liberatory Maneuver	100
Laryngeal Microsurgery		Modified Liberatory Maneuver: Effective Treatment for Be-	
Laryngeal Microsurgery Under General Anesthesia Using Small-Bore Endotracheal Tubes: Blood Gas Analysis	325	nign Paroxysmal Positional Vertigo	1206
•		Logistic Regression Model	
Laryngeal Muscles		Prediction of Occult Neck Disease in Laryngeal Cancer by	
Arytenoid Motion Evoked by Regional Electrical Stimulation of the Canine Posterior Cricoarytenoid Muscle	456	Means of a Logistic Regression Statistical Model	1280
Measurement of Adductory Force of Individual Laryngeal Muscles in an In Vivo Canine Model	1213	Low Humidity Effects of Low Humidity on the Rat Middle Ear	1055
Oral and Laryngeal Muscle Coordination During Swallowing	341	Lung Metastases	
I		Distant Metastases From Head and Neck Squamous Cell Carcinomas	1100
Laryngeal Papillomatosis			1100
Recurrent Respiratory Papillomatosis: Juvenile Versus Adult Forms	523	Lymph Node Metastases	
Laryngeal Reflexes	020	Malignant Melanoma of Cervical and Parotid Lymph Nodes With an Unknown Primary Site	1194
Superior Laryngeal Nerve Evoked Potentials: An Experimental Study in the Rabbit	627	M	
		Magnetic Resonance Angiography	
Laryngeal Reinnervation Effects of Arytenoid Adduction on Laryngeal Function Fol-		Magnetic Resonance Angiography of Vascular Anomalies of the Middle Ear	1404
lowing Ansa Cervicalis Nerve Transfer for Vocal Fold Paralysis in an In Vivo Canine Model	1187	Pulsatile Tinnitus: Recent Advances in Diagnosis	
Laryngeal Resistance		Malignant Melanoma	
Measurement of Laryngeal Resistance in the Evaluation of Botulinum Toxin Injection for Treatment of Focal Laryn-		Malignant Melanoma of Cervical and Parotid Lymph Nodes With an Unknown Primary Site	1194
geal Dystonia	8	Mandible Fractures	
Laryngeal Surgery		Testing Biomechanical Strength of Repairs for the Mandibu-	
Diagnosis and Treatment of Persistent Dysphonia After Laryngeal Surgery: A Retrospective Analysis of 62 Pa-		lar Angle Fracture	201
tients	1084	Mandibular Reconstruction	
Laryngeal Transplantation Comparison of Preservation Techniques in a Vascularized		Advantages of Mandibular Reconstruction With the Ti- tanium Hollow Screw Osseointegrating Reconstruction Plate (THORP)	545
Rat Laryngeal Transplant Model	666	Fibular and Iliac Crest Osteomuscular Free Flap Recon-	
Laryngeal Verrucous Carcinoma		struction of the Oral Cavity	1305
Laryngeal Verrucous Carcinoma: A Clinicopathologic Study and Detection of Human Papillomavirus Using Polymerase	140	Restoration of Anterior Mandible With the Free Fibula Osseocutaneous Flap	105
Chain Reaction	146	Mantle Gels	
Laryngectomy		Collagen Gel Cultures of Normal Salivary Gland: Conditions	
Recurrences After Endoscopic Management of Early (T1) Glottic Carcinoma	1099	for Continued Proliferation and Maintenance of Major Cell Phenotypes In Vitro	335
Laryngomalacia		Mastoid Seventh Nerve	
Laser Laryngoplasty for Laryngomalacia	247	Juxtaposition Lipoma to Mastoid Seventh Nerve	135
Laser Laryngoplasty		Mastoidectomy	
Laser Laryngoplasty for Laryngomalacia	247	Introgenic Facial Nerve Injury During Otologic Surgery	922
Laser-Resistant Endotracheal Tubes			
Effect of Blood on Laser-Resistant Endotracheal Tube Com-		Maxillary Sinus Hypoplasia	
bustion	829	Maxillary Sinus Hypoplasia and Vertical Dystopia of the Orbit	758
Lasers		Maxillofacial Vascular Lesions	
Dose Response of Human Tumor Cells to Rhodamine 123 and Laser Phototherapy	1013	Direct-Puncture Coil Embolization of Maxillofacial High- Flow Vascular Malformations	1397
Endoscopic Laser Dacryocystorhinostomy	269		
Endoscopic Laser Excisional Biopsy for Selected Glottic Carcinomas	1276	Maxillomandibular Fixation Maxillomandibular Fixation With Intraoral Cortical Bone	1010
Evaluation of Four New Carbocyanine Dyes for Photo- dynamic Therapy With Lasers	996	Screws: A 2-Year Experience	1048
Revision Stapes Surgery With and Without Laser: A Compar-	300	Maximal Stimulation and Facial Nerve Conduction Latency	
ison	1431	Tests: Predicting the Outcome of Bell's PalsySupp	pl. 61

Meatal Stenosis Surgical Management of Congenital Aural Atresia 606	Sensorineural Hearing Loss From Quinolinic Acid: A Neuro- toxin in Middle Ear Effusions
Medial Maxillectomy	Middle Ear Fluid
Preliminary Report: Endoscopic Versus External Surgery in the Management of Inverting Papilloma	Effect of Anesthetic Gas on Middle Ear Fluid
the Management of inverting raphionia 410	Middle Ear Mucosa
Medical Publishing Present and Future Considerations in Otolaryngologic Publishing	Acidic and Basic FGF mRNA Expression in the Middle Ear Mucosa During Experimental Acute and Chronic Otitis Media
	Middle Turbinate
Megavoltage Radiotherapy Long-Term Results of Treatment for Glomus Jugulare and Glomus Vagale Tumors With Radiotherapy	Intranasal Ethmoidectomy: Evolution and an Assessment of the Procedure
Meniere's Disease	Mini Speech Processor
Meneiere's Disease: Role of Antibodies Against Basement Membrane Antigens	Programming the Cochlear Implant Based on Electrical Acoustic Reflex Thresholds: Patient Performance
Relationship Between Immune Complex and Total Hemolytic Complement in Endolymphatic Hydrops	Modified Liberatory Maneuver Modified Liberatory Maneuver: Effective Treatment for Be-
Meningiomas	nign Paroxysmal Positional Vertigo
Transpetrosal Access to Meningiomas Juxtaposing the Tem-	Modified Radical Neck Dissection
poral Bone	Patency of the Internal Jugular Vein Following Modified Radical Neck Dissection
Meningitis	Modified Young's Procedure
Multichannel Cochlear Implantation in Obliterated Cochleas Using the Gantz Procedure	Modified Young's Procedure for Refractory Epistaxis Due to Hereditary Hemorrhagic Telangiectasia
Otitis Media (Silent): A Potential Cause of Childhood Meningitis	Mohs Surgery
	Collagen-Assisted Healing of Facial Wounds After Mohs Sur-
Merkel Cell Carcinoma	gery
Merkel Cell Carcinoma: An Aggressive Skin Neoplasm 528	Motion Sickness
Metal Suction Catheter	Phenytoin for Motion Sickness: Clinical Evaluation 935
Ventilation by Metal Suction Catheter During Tracheal Laser	
Surgery Performed on a Premature Infant	Motor System Regeneration
Methotrexate	Awake Evoked Electromyography Recording From the Chronically Implanted Rat
Methotrexate Therapy for Autoimmune Hearing Loss: A Pre-	
liminary Report 932	MRI
Microfissures	Middle Ear Mucosal Inflammation: An In Vivo Model 970
Prevalence of Microfissures in the Human Temporal Bone: A Report of 1000 Temporal Bones	MRI Evaluation of the Sphenoid Sinus After Transsphenoidal Approach to the Pituitary
Microlaryngeal Surgery	Three-Dimensional Magnetic Resonance Imaging Evalua- tion of Pediatric Tracheobronchial Tree
Anesthesia for Microlaryngeal Surgery: The Case for Sub-	
glottic Jet Ventilation Suppl. 65	Mucociliary Transport
Computer-Assisted Surgical Techniques Using the Vander- bilt Free Electron Laser	Mucociliary Activity and Ultrastructural Abnormalities of Regenerated Sinus Mucosa in Rabbits
Microwebs	Mucoepidermoid Carcinomas
Anterior Commissure Microwebs Associated With Vocal Nodules: Detection, Prevalence, and Significance	Tumor-Associated Glycoprotein Expression in Salivary Gland Mucoepidermoid Carcinomas: An Immu- nohistochemical Study Using the Monoclonal Antibody
Middle Ear	B72.3
Congenital Cholesteatoma	Mucosal Melanoma
Interleukin-8 Expression in Otitis Media	Mucosal Melanoma of the Head and Neck: The Impact of
Murine Model of Otitis Media With Effusion: Immu- nohistochemical Demonstration of IL-1a Antigen Expres-	Local Control on Survival
sion 1143	Otopathology in a Case of Multichannel Cochlear Implanta-
Prevalence of Carotid Canal Dehiscence in the Human Mid- dle Ear: A Report of 1000 Temporal Bones 612	tion
Middle Ear Barotrauma	Multiple Myeloma
Effect of Artificial Airway on Ear Complications From Hyperbaric Oxygen	Temporal Bone in Multiple Myeloma 675
	Multisystem Organ Dysfunction
Middle Ear Effusions Cytokines in Experimental Otitis Media With Effusion 191	Toxic Shock Syndrome After Functional Endonasal Sinus Surgery: An All or None Phenomenon?

Muscle Bellies		Nerve Regeneration	
Arytenoid Motion Evoked by Regional Electrical Stimulation of the Canine Posterior Cricoarytenoid Muscle	456	Awake Evoked Electromyography Recording From the Chronically Implanted Rat	420
Muscular Coat		Neuroendocrine Nerve Endings	
Electron-Microscopic Observations on the Muscular Coat of Swell Bodies in Human Nasal Mucosa	285	Neurosecretory Endings and Target Cells in the Synaptic Cleft of the Human Vocal Cord: An Electron Microscopic	
Myocutaneous Flap		Study 1	1264
Auricular Reconstruction Using Postauricular Myocutane-		Neurofibromatosis	
ous Flap	778	Otologic Manifestations of Neurofibromatosis	663
Myoepithelial Cells		Neuroradiology	
Neurosecretory Endings and Target Cells in the Synaptic Cleft of the Human Vocal Cord: An Electron Microscopic Study	264	Surgical Management of Previously Untreated Glomus Jugulare Tumors	917
N		Newborn Nasal Cavity Dimensions	
		Nasal Cavity Dimensions in the Newborn Measured by	
NaK ATPase		Acoustic Reflections	1023
Reserpine Inhibits the NaK ATPase Activity of the Stria Vascularis in the Cochlea	197	Nifedipine Effect of Nifedipine on Skin Flap Survival in Rats	253
Nasal Cavity Area			
Nasal Cavity Area in Term Infants Determined by Acoustic Rhinometry	439	Noise on the Aging Ear Is the Older Ear More Susceptible to Noise Damage?	1251
Nasal Deformities		Noise Power	
Neonatal Nasal Deformities Secondary to Nasal Continuous Positive Airway Pressure	019	Turbulent Noise Ratio: An Estimation of Noise Power of the Breathy Voice Using PARCOR Analysis	153
Nasal Irritation		Nontrifurcate Incisions	
Effects of Odorants and Irritants on Respiratory Behavior Nasal Polyps	623	Incisions for Neck Dissection Modifications: Rationale for and Application of Nontrifurcate Patterns	1041
	404	0	
Nasal Septum		0	
Subtotal Reconstruction of the Nasal Septum: A Preliminary		Obstructive Sleep Apnea	
Report	906	Comparison of Upper-Airway Evaluations During Wakefulness and Sleep	821
Nasal Surgery Risk to Olfaction From Nasal Surgery	981	Four-Year Follow-up After Uvulopalatopharyngoplasty in 50 Unselected Patients With Obstructive Sleep Apnea Syn-	
Nasal Swell Bodies		drome	1362
Electron-Microscopic Observations on the Muscular Coat of Swell Bodies in Human Nasal Mucosa	285	Redundant Supraglottic Mucosa in Association With Obstructive Sleep Apnea	114
Nasopharyngeal Carcinoma		Uvulopalatopharyngoplasty for Snoring: Long-term Results	1150
	103	Occult Neck Disease	
Epstein-Barr Virus Lytic Cycle Spreads Via Cell Fusion in a Nasopharyngeal Carcinoma Hybrid Cell Line	91	Prediction of Occult Neck Disease in Laryngeal Cancer by Means of a Logistic Regression Statistical Model	1280
Human Papillomavirus Types 11 and 16 Detected in Na-		Oculocephalogyric Reflex	
sopharyngeal Carcinomas by the Polymerase Chain Reaction	99	Functional Loss of the Horizontal Doll's Eye Reflex Following Unilateral Vestibular Lesions	473
Otitis Media With Effusion in Head and Neck Cancer Pa-	-	Odorants	
tients	5	Effects of Odorants and Irritants on Respiratory Behavior	623
Neck Dissection			
External Beam Irradiation Alone or Combined With Neck Dissection for Base of Tongue Carcinoma: An Alternative to Primary Surgery	466	Olfaction Effect of Human Olfactory Biopsy on Olfaction: A Preliminary Report	837
Neck Incisions		Risk to Olfaction From Nasal Surgery	981
Incisions for Neck Dissection Modifications: Rationale for and			
Application of Nontrifurcate Patterns	.041	Oral Cancer Surgical Variables Affecting Postoperative Swallowing Effi-	
Necrotizing Fasciitis		ciency in Oral Cancer Patients: A Pilot Study	87
Cervical Necrotizing Fasciitis	795	Oral Muscles	
Nerve Branches		Oral and Laryngeal Muscle Coordination During Swallowing	341
Innervation of the Human Posterior Cricoarytenoid Mus-			
cle: Evidence for at Least Two Neuromuscular Compart-	990	Oral Ulcerations Tractment of Arbthous Illeans in AIDS Patients	500
ments	880	Treatment of Aphthous Ulcers in AIDS Patients	566

Orbital Decompression Endoscopic Orbital Decompression	950	Oxygen Radical Injury Evidence of Oxygen Radical Injury in Experimental Otitis	
Oropharyngeal Cancer Rapid Tumor Cell Proliferation After Induction Chemo-		Media	9
	468	Papillary Cystadenoma Lymphomatosum	
Oscillopsia		Warthin's Tumor: A 40-Year Experience at The Johns Hop-	
Horizontal Vestibulo-Ocular Reflex Gain During Active and	1.10	kins Hospital	9
Passive High-Frequency Head Movements	140	Papillary Squamous Neoplasms	
Osseointegrated Implants		Papillary Squamous Neoplasms of the Head and Neck 144	6
Treatment, Planning and Fabrication of Implant-Supported Auricular Prosthesis	300	Papillary Thyroid Carcinoma	
		Papillary Thyroid Carcinoma: Correlations Between Prog-	
Ossiculoplasty	225	nosis, Age, and Clinicopathological and Histomorphological Findings	7
Spanner Malleus-Stapes/Footplate Assembly	775		1.0
Ossified Cochleas		Paraganglioma	
Vienna Cochlear Implant in Patients With Obliteration of the Cochlea	79	Glomus Vagale: Paraganglioma of the Vagus Nerve	0
		Paralyzed Vocal Fold	s per
Osteomuscular Free Flap		Glottic Configuration After Arytenoid Adduction 96	G
Fibular and Iliac Crest Osteomuscular Free Flap Reconstruction of the Oral Cavity	305	Paranasal Sinus Cancer	
Ostiomeatal Stent	.000	Treatment of Paranasal Sinus Cancer With Cranial Base Surgery: Results	3
New Middle Meatal Antrostomy Stent for Functional Endo-		Paranasal Sinusitis	
	638	Mucociliary Activity and Ultrastructural Abnormalities of	
Otitis Media		Regenerated Sinus Mucosa in Rabbits	32
Cochlear Polyamines: Markers of Otitis Media-Induced Co-		Parapharyngeal Space Tumors	
chlear Damage 1	.003	Parapharyngeal Space Tumors: An Algorithm for Evaluation	
Interleukin-8 Expression in Otitis Media	989	and Management 117	0
Middle Ear Mucosal Inflammation: An In Vivo Model	970	Tumors and Surgery of the Parapharyngeal Space Suppl. 6	3
Noninvasive Optical Diagnosis of Bacteria Causing Otitis		Parotid Gland	
	264	Intraoperative Monitoring of the Facial Nerve: An Aid in the	
Otitis Media (Silent): A Potential Cause of Childhood Meningitis	453	Management of Parotid Gland Recurrent Pleomorphic Ad- enomas	29
Otitis Media With Effusion		Total Conservative Parotidectomy for Primary Benign	
Cytokines in Experimental Otitis Media With Effusion	191	Pleomorphic Adenoma of the Parotid Gland: A 25-Year	
Effects of Low Humidity on the Rat Middle Ear	055	Experience with 229 Patients	17
Eustachian Tube Compliance in Cleft Palate—A Preliminary		Warthin's Tumor: A 40-Year Experience at The Johns Hop-	10
Study	83	kins Hospital 79	9
Murine Model of Otitis Media With Effusion: Immu-		Partial Autocorrelation Analysis	
nohistochemical Demonstration of IL-1 α Antigen Expression	143	Turbulent Noise Ratio: An Estimation of Noise Power of the Breathy Voice Using PARCOR Analysis	i3
Otitis Media With Effusion in Head and Neck Cancer Pa-		Particle Repositioning Maneuver	
tients	5	Particle Repositioning Maneuver for Benign Paroxysmal Po-	
Otoacoustic Emissions		sitional Vertigo	6
Otoacoustic Emissions: An Approach for Monitoring Am-		Parvovirus B19	
inoglycoside-Induced Ototoxicity 1	130	Immune-Mediated Inner Ear Disease and Parvovirus B19 123	15
Otolaryngologic Publishing		Pediatric Airway	
Present and Future Considerations in Otolaryngologic Pub-		Three-Dimensional Magnetic Resonance Imaging Evalua-	
lishing	651	tion of Pediatric Tracheobronchial Tree 142	25
Otologic Surgery		Pediatric Cochlear Implantation	
Evaluation of Basic Fibroblast Growth Factor in Tympanic		Cochlear Implantation in Young Children: Histological Stud-	
Membrane Repair		ies on Head Growth, Leadwire Design, and Electrode Fixa-	
Iatrogenic Facial Nerve Injury During Otologic Surgery	922	tion in the Monkey Model	17
Otopathology		Pediatric CT Scans	
Otopathology in a Case of Multichannel Cochlear Implanta-	200	Radiographic Incidence of Chronic Sinus Disease in the Pedi-	
tion	299	atric Population	9
Ototoxicity		Pediatric Middle Ear Disease	
Reduction of Streptomycin-Induced Acute and Chronic Tox-		Fluctuating and/or Progressive Sensorineural Hearing Loss	
icities	631	in Children 95	8

Pediatric Nasal Cross-sectional Area	Human Papillomavirus Types 11 and 16 Detected in Na-
Nasal Cavity Area in Term Infants Determined by Acoustic Rhinometry	sopharyngeal Carcinomas by the Polymerase Chain Reaction
Pediatric Supraglottitis	Laryngeal Verrucous Carcinoma: A Clinicopathologic Study and Detection of Human Papillomavirus Using Polymerase
Changing Patterns in Pediatric Supraglottitis: A Multi-Institutional Review, 1980 to 1992	Chain Reaction
	Polymeric Screws
Percutaneous Electromyography Percutaneous Electromyography of the Posterior Cri- coarytenoid Muscles: Electromyographic Needle Place-	Bioresorbable Screws for Facial Bone Reconstruction: A Pilot Study in Rabbits
ment With Computed Tomographic Guidance 1393	Polymorphonuclear Neutrophils
Fercutaneous Tracheotomy Airway Control During Percutaneous Tracheotomy	Localization of IL-1ß mRNA and Cell Adhesion Molecules in the Maxillary Sinus Mucosa of Patients With Chronic Sinusitis
Elective Percutaneous (Rapitrac) Tracheotomy: Results of a Prospective Trial	Posterior Cricoarytenoid Muscle
Prospective Trial 12/1	Arytenoid Motion Evoked by Regional Electrical Stimulation
Peripheral Neurofibromatosis Otologic Manifestations of Neurofibromatosis	of the Canine Posterior Cricoarytenoid Muscle 456
Peritonsillar Abscess	Innervation of the Human Posterior Cricoarytenoid Mus- cle: Evidence for at Least Two Neuromuscular Compart-
Pathogenesis of Peritonsillar Abscess	ments 880
Tathogenesis of Terriorismar Abscess	Post-Trauma Coma
Pharmacologic Management of Pain Four-Drug Pain Regimen for Head and Neck Cancers 694	Auditory Evoked Potentials at 40 Hz (SSR40Hz) in Post- Trauma Coma Patients
Pharyngeal Flaps	Premature Newborns
Preliminary Data on the Effect of Pharyngeal Flaps on the Upper Airway in Children With Velopharyngeal Inade-	Neonatal Nasal Deformities Secondary to Nasal Continuous Positive Airway Pressure
quacy	Primary Benign Pleomorphic Adenoma
Pharyngeal Respiratory Airflow Pressures	Total Conservative Parotidectomy for Primary Benign
Sleep and Posture	Pleomorphic Adenoma of the Parotid Gland: A 25-Year Experience with 229 Patients
Pharyngoesophageal Diverticulum	Delice die Verren I et le le le
Analysis of Intrabolus Forces in Patients With Zenker's Diverticulum	Proliferative Verrucous Leukoplakia Papillary Squamous Neoplasms of the Head and Neck 1446
Phenytoin	Prostaglandins
Phenytoin for Motion Sickness: Clinical Evaluation	Effect of Prostaglandin E ₂ and F _{2a} on Brain and Tracheal Ciliary Activity
Photodynamic Therapy	
Dose Response of Human Tumor Cells to Rhodamine 123 and Laser Phototherapy	Prosthetic Tracheoesophageal Speech Tracheostomal Stenosis After Total Laryngectomy: An Anal-
Evaluation of Four New Carbocyanine Dyes for Photo- dynamic Therapy With Lasers	ysis of Predisposing Clinical Factors
Hypericin Uptake in Rabbits and Nude Mice Transplanted	Psychophysical Tuning Curves
With Human Squamous Cell Carcinomas: Study of a New	Frequency Selectivity in Patients With Acoustic Neuroma 1092 Pulsatile Tinnitus
Sensitizer for Laser Phototherapy	Pulsatile Tinnitus: Recent Advances in Diagnosis 681
Photodynamic Therapy and the Treatment of Neoplastic Diseases of the Larynx	Pyriform Sinus Cancer
Plasma Cell Myeloma	Reconstruction of the Hypopharynx Using Hemilarynx for
Temporal Bone in Multiple Myeloma	Localized Pyriform Sinus Cancer
Pleiotropic Cytokines	Q
Tumor Necrosis Factor-Alpha Production in Human Head	Quinolinic Acid
and Neck Squamous Cell Carcinoma	Sensorineural Hearing Loss From Quinolinic Acid: A Neuro- toxin in Middle Ear Effusions
Pleomorphic Adenoma Pleomorphic Adenoma: Effect of Tumor Spill and Inadequate	
Resection on Tumor Recurrence	Quinsy Pathogenesis of Peritonsillar Abscess
Polymerase Chain Reaction	
Cloning and Sequencing of Genomic DNA Extracted From Archival Human Temporal Bone Sections	R Radial Forearm Free Flap
Human Papillomavirus and Normal Nasal Mucosa: Detection of Human Papillomavirus DNA in Normal Nasal Mucosa Biopsies by Polymerase Chain Reaction and In Situ Hy-	Glottic Reconstruction After Cricohyoidoepiglottopexy With a Radial Forearm Free Flap That Includes the Tendon of the Palmaris Longus: Preliminary Results and Perspec-
bridization	tives

Radiation-Damaged Tissue Effect of Artificial Airway on Ear Complications From Hyper-	Respiratory Behavior Effects of Odorants and Irritants on Respiratory Behavior	623
baric Oxygen	383	-
Radiation Therapy	Retinoic Acid Detecting Patinais Acid Induced Biochemical Alterations in	
Factors Associated With Recurrence and Voice Quality Fol- lowing Radiation Therapy for T1 and T2 Glottic Car-	Detecting Retinoic Acid-Induced Biochemical Alterations in Squamous Cell Carcinoma Using Intrinsic Fluorescence Spectroscopy	278
	Revascularizing Tracheal Autografts	
Radiochemotherapy		736
Effect of Acquired Cisplatin Resistance on the Response of a	Revision Endoscopic Sinus Surgery	
Xenografted Human Hypopharynx Carcinoma to Concurrent Radiochemotherapy With Cisplatin	Revision Endoscopic Sinus Surgery: Six Friendly Surgical	766
Radiotherapy		.00
Long-Term Results of Treatment for Glomus Jugulare and Glomus Vagale Tumors With Radiotherapy	Revision Stapes Surgery Revision Stapes Surgery With and Without Laser: A Compar-	491
Rapitrac Tracheotomy	ison 14	431
Elective Percutaneous (Rapitrac) Tracheotomy: Results of a	Rhinovirus Infection	
Prospective Trial	Otologic Manifestations of Experimental Rhinovirus Infec- tion	295
ras Gene Point Mutation	Rhodamine 123	
Lack of Synergistic Association Between Human Pa- pillomavirus and ras Gene Point Mutation in Laryngeal	Dose Response of Human Tumor Cells to Rhodamine 123 and	013
Carcinomas		010
ras Mutations	Robotics	
ras Mutations and Expression in Head and Neck Squamous Call Carcinomas	Applications of Image-Directed Robotics in Otolaryngologic Surgery	283
Reconstructive Surgery	Round Window Niche	
Effect of Nifedipine on Skin Flap Survival in Rats	Prevalence of Microfissures in the Human Temporal Bone: A Report of 1000 Temporal Bones	741
Subtotal Reconstruction of the Nasal Septum: A Preliminary	000	
Report	906 S	
Recurrent Laryngeal Nerve Stimulator	Salivary Gland	
Safety and Tolerability of the Implantable Recurrent Laryngeal Nerve Stimulator		335
Recurrent Laryngeal Nerves	Tumor-Associated Glycoprotein Expression in Salivary	
Intramuscular Innervation of the Human Interarytenoid Muscle	Gland Mucoepidermoid Carcinomas: An Immunohisto-	304
Recurrent Pleomorphic Adenomas	Salivary Gland Neoplasms	
Intraoperative Monitoring of the Facial Nerve: An Aid in the Management of Parotid Gland Recurrent Pleomorphic Ad-	Pleomorphic Adenoma: Effect of Tumor Spill and Inadequate Resection on Tumor Recurrence	231
Chomas	Salivary Gland Tumors	
Recurrent Respiratory Papillomatosis	Tumors and Surgery of the Parapharyngeal Space Suppl.	. 63
Recurrent Respiratory Papillomatosis: Juvenile Versus Adult Forms	523 Scanning Electron Microscopy	
	Uncinate Process: A Histological and Morphological Study	364
Redundant Supraglottic Mucosa in Association With Ob-	Schneiderian Papilloma	
	114	582
Reflex Laryngospasm		
Reflex Laryngospasm Induced by Stimulation of Distal	Scintigraphic Testing	
	Scintigraphic Assessment of Swallow Efficiency Post- laryngectomy	159
Refractory Epistaxis	Second Pulmonary Cancer	
Modified Young's Procedure for Refractory Epistaxis Due to Hereditary Hemorrhagic Telangiectasia		000
Regenerated Maxillary Sinus Mucosa	0	222
Mucociliary Activity and Ultrastructural Abnormalities of Regenerated Sinus Mucosa in Rabbits	Second-Generation Platinum Compounds 82 Selective Inner Hair Cell Ototoxicity Induced by Carboplatin	488
Reserpine	Senescent Voice	
Reserpine Inhibits the NaK ATPase Activity of the Stria	Histopathologic Changes in the Aging Human Cricoaryte-	533

Sensorineural Hearing Loss		Spasmodic Dysphonia	
Fluctuating and/or Progressive Sensorineural Hearing Loss in Children	958	Anatomic Considerations in Botulinum Toxin Type A Therapy for Spasmodic Dysphonia	656
Histopathology of Temporal Bone Fractures: Implications for Cochlear Implantation	426	Safety and Tolerability of the Implantable Recurrent Laryngeal Nerve Stimulator	1240
Inner Ear Hair Cell Regeneration in a Mammal: Identifica- tion of a Triggering Factor	701	Speech Perception Skills	
Methotrexate Therapy for Autoimmune Hearing Loss: A Pre-		Variables Affecting Implant Performance in Children	1120
liminary Report Sensorineural Hearing Loss From Quinolinic Acid: A Neuro-	932	Speech Recognition	
toxin in Middle Ear Effusions	176	Speech Recognition in Patients After Successful Surgery for Unilateral Congenital Ear Anomalies	1029
Sihler's Technique		Sphenoid Sinus	
Intramuscular Innervation of the Human Interarytenoid Muscle	33	MRI Evaluation of the Sphenoid Sinus After Transsphenoidal Approach to the Pituitary	1
Silastic Keel		Squamous Cell Carcinoma	
Custom Silastic® Keel for Anterior Laryngeal Reconstruction	1167	Blood Transfusion and Other Prognostic Variables in the Survival of Patients With Cancer of the Head and Neck	95
Sino-Nasal Mucosa	050	Carcinoma of the Soft Palate and Anterior Tonsillar Pillar	
Early Development of Sino-Nasal Mucosa	850		1477
Sinonasal Papillomas Human Papillomavirus and Normal Nasal Mucosa: Detection		Detecting Retinoic Acid-Induced Biochemical Alterations in Squamous Cell Carcinoma Using Intrinsic Fluorescence Spectroscopy	278
of Human Papillomavirus DNA in Normal Nasal Mucosa Biopsies by Polymerase Chain Reaction and In Situ Hy- bridization	755	Distant Metastases From Head and Neck Squamous Cell Carcinomas	1199
Sinusitis		DNA Content and Regional Metastases in Patients With Advanced Laryngeal Squamous Carcinoma	479
Bacteriology of Antrum in Adults With Chronic Maxillary Sinusitis	321	Elective Carotid Artery Resection for Advanced Squamous Cell Carcinoma of the Neck	259
Review of Revision Functional Endoscopic Sinus Surgery	404	Factors Affecting Survival of Patients With Tumors of the	200
Skin Flaps Effect of Nifedipine on Skin Flap Survival in Rats	253	Anterior Skull Base	940
Skull Growth	200	Hypericin Uptake in Rabbits and Nude Mice Transplanted With Human Squamous Cell Carcinomas: Study of a New	
Cochlear Implantation in Young Children: Histological Stud-		Sensitizer for Laser Phototherapy	
ies on Head Growth, Leadwire Design, and Electrode Fixa- tion in the Monkey Model	167	Papillary Squamous Neoplasms of the Head and Neck ras Mutations and Expression in Head and Neck Squamous	1440
Sleep and Posture		Cell Carcinomas	1337
Sleep and Posture	846	Treatment of Paranasal Sinus Cancer With Cranial Base Surgery: Results	553
Small-Bore Endotracheal Tubes		Tumor Necrosis Factor-Alpha Production in Human Head	
Laryngeal Microsurgery Under General Anesthesia Using Small-Bore Endotracheal Tubes: Blood Gas Analysis	325	and Neck Squamous Cell Carcinoma	860
Smell Disorders		Stapedial Artery	
Effect of Human Olfactory Biopsy on Olfaction: A Preliminary Report	837	Prevalence of Facial Canal Dehiscence and of Persistent Stapedial Artery in the Human Middle Ear: A Report of	200
Risk to Olfaction From Nasal Surgery	981	1000 Temporal Bones	309
Snoring		Stapedotomy	
Sleep and Posture	846	Revision Stapes Surgery With and Without Laser: A Comparison	1431
Uvulopalatopharyngoplasty for Snoring: Long-term Results	1150	Static Charge Sensitive Bed	
Soft Palate Carcinoma		Four-Year Follow-up After Uvulopalatopharyngoplasty in 50 Unselected Patients With Obstructive Sleep Apnea Syn-	
Carcinoma of the Soft Palate and Anterior Tonsillar Pillar	1477	drome	1362
Salvage Split Course Brachytherapy for Tonsil and Soft Pal- ate Carcinoma: Treatment Techniques and Results	359	Streptomycin	
		Reduction of Streptomycin-Induced Acute and Chronic Toxicities	631
Soft-Tissue Infections Cervical Necrotizing Fasciitis	795	Stria Vascularis	001
Somatic Gene Therapy		Reserpine Inhibits the NaK ATPase Activity of the Stria	
Gene Transfer Into Human Thyroid Follicular Cells	1330	Vascularis in the Cochlea	197
Spanner Prosthesis		Stridor	
Spanner Malleus-Stapes/Footplate Assembly	775	Laser Laryngoplasty for Laryngomalacia	247

Stroke		Temporal Bones	
Artificial Reflex Arc: A Potential Solution for Chronic Aspiration. III. Stimulation of Implanted Cervical Skin as a		Histopathology of Temporal Bone Fractures: Implications for Cochlear Implantation	426
Functional Graft Triggering Glottic Closure in the Canine	1259	Otitis Media (Silent): A Potential Cause of Childhood Meningitis	1453
Subglottic Jet Ventilation Anesthesia for Microlaryngeal Surgery: The Case for Subglottic Jet Ventilation	ol 65	Prevalence of Carotid Canal Dehiscence in the Human Mid- dle Ear: A Report of 1000 Temporal Bones	612
Sudden Infant Death Syndrome	рі. 00	Prevalence of Facial Canal Dehiscence and of Persistent	
Age-Related Basement Membrane Thickening of the Vocal	0.05	Stapedial Artery in the Human Middle Ear: A Report of 1000 Temporal Bones	309
Cords in Sudden Infant Death Syndrome (SIDS)	865	Prevalence of Microfissures in the Human Temporal Bone: A Report of 1000 Temporal Bones	741
Sulcus Vocalis in Laryngeal Cancer: A Histopathologic		Temporal Bone Imaging for Cochlear Implantation	562
Study	16	Temporal Bone in Multiple Myeloma	675
		Temporal Bone Pathology in a Case of Cogan's Syndrome	
Superficial Femoral Artery		Transpetrosal Access to Meningiomas Juxtaposing the Tem-	
Carotid Artery Reconstruction Using Superficial Femoral Arterial Grafts	689	poral Bone	814
Superior Laryngeal Nerve		Tetracycline Sclerosis	
Superior Laryngeal Nerve Evoked Potentials: An Experimental Study in the Rabbit	627	Tetracycline Sclerosis for Treatment of Benign Lympho- epithelial Cysts of the Parotid Gland in Patients Infected With Human Immunodeficiency Virus	1499
Supraglottic Cancer		THORP Screws	
Endoscopic Treatment of Supraglottic and Hypopharynx Cancer	71	Advantages of Mandibular Reconstruction With the Ti- tanium Hollow Screw Osseointegrating Reconstruction	
High Relative Risk of a Second Pulmonary Cancer in Patients Affected by Laryngeal Cancer: Differences by Specific Site		Plate (THORP)	545
of Occurrence and Lung Cancer Histotype	222	Three-Dimensional Mandibular Model	
Supraglottic Laryngectomy		Three-Dimensional Models for Head and Neck Tumor Treat- ment Planning	433
New Combined Surgical Approach for Cancer Involving the			
Base of Tongue	725	3-D MRI Three-Dimensional Magnetic Resonance Imaging Evalua-	
Supraglottitis		tion of Pediatric Tracheobronchial Tree	1425
Changing Patterns in Pediatric Supraglottitis: A Multi-Insti-	1014	Thyroid Gland	
tutional Review, 1980 to 1992	1314	Hypothyroidism in Head and Neck Cancer Patients: Experimental and Clinical ObservationsSupp	ol. 66
Activation and Coordination Patterns of the Suprahyoid Mus-		Thursdants Tona I	
cles During Swallowing	1376	Thyroplasty Type I Long-Term Changes in Vocal Quality Following Isshiki Thy-	
Surgical Landmarks		roplasty Type I	275
Revision Endoscopic Sinus Surgery: Six Friendly Surgical Landmarks	766	Tinnitus Suppression Tinnitus Suppression by Electrical Stimulation of the Co-	
Survival		chlear Wall and by Cochlear Implantation	752
Blood Transfusion and Other Prognostic Variables in the Survival of Patients With Cancer of the Head and Neck	95	Tongue Reinnervation	
	30	Tongue Reinnervation by Hypoglossal-Lingual Nerve Trans- fer	215
Swallowing			
Activation and Coordination Patterns of the Suprahyoid Mus- cles During Swallowing	1376	Tongue-Base Obstruction Comparison of Upper-Airway Evaluation During Wakeful-	
Oral and Laryngeal Muscle Coordination During Swallow- ing	341	*	821
mg ·····	041	Tonsil Carcinoma	
Swallowing Efficiency Scintigraphic Assessment of Swallow Efficiency Post-		Salvage Split Course Brachytherapy for Tonsil and Soft Pal- ate Carcinoma: Treatment Techniques and Results	359
laryngectomy	1159	Tooth Replacement	
Surgical Variables Affecting Postoperative Swallowing Effi- ciency in Oral Cancer Patients: A Pilot Study	87	Endosteal Implants Following Tumor Surgery and Avulsive Trauma	504
Syncope		Topical Antibiotics	
Carotid Sinus Syncope in Head and Neck Cancer	497	Efficacy of Topical Antibiotic Prophylaxis for Contaminated Head and Neck Surgery	719
T			
Taste Perception		Total Laryngectomy Tracheostomal Stenosis After Total Laryngectomy: An Anal-	
Effect of Unilateral Chorda Tympani Damage on Taste	25	ysis of Predisposing Clinical Factors	59

Total Parotidectomy	Tumor Necrosis Factor-Alpha
Total Conservative Parotidectomy for Primary Benign Pleomorphic Adenoma of the Parotid Gland: A 25-Year Experience with 229 Patients	Tumor Necrosis Factor-Alpha Production in Human Head and Neck Squamous Cell Carcinoma
	Turbulent Noise Ratio
Toxic Shock Syndrome Toxic Shock Syndrome After Functional Endonasal Sinus Surgery: An All or None Phenomenon?	Turbulent Noise Ratio: An Estimation of Noise Power of the Breathy Voice Using PARCOR Analysis
Trabecular Carcinoma	Tympanic Membrane
Merkel Cell Carcinoma: An Aggressive Skin Neoplasm 528	Evaluation of Basic Fibroblast Growth Factor in Tympanic Membrane Repair
Tracheal Ciliary Activity	Tympanometry
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Effect of Anesthetic Gas on Middle Ear Fluid
Tracheal Laser Surgery	U
Ventilation by Metal Suction Catheter During Tracheal Laser Surgery Performed on a Premature Infant	Ultrasonography Ultrasonography and Ultrasound-Guided Fine-Needle Aspi-
Tracheal Reconstruction	ration Biopsy of Head and Neck Lesions: A Surgical Per-
Tracheal Reconstruction Using an Epithelial Equivalent 409	spective
Tracheoesophageal Fistulas	Ultrasonography for Evaluation of the Carotid Artery in Head and Neck Cancer
Closure of Persistent Tracheoesophageal Fistulas After Removal of the Voice Prosthesis	Uncinate Process
Tracheoesophageal Puncture	Uncinate Process: A Histological and Morphological Study 364
New Method for Tracheoesophageal Puncture Under Topical Anesthesia	Unilateral Congenital Ear Anomalies Speech Recognition in Patients After Successful Surgery for
Tracheoesophageal Puncture for Voice Restoration Following Laryngotracheal Separation	Unilateral Congenital Ear Anomalies
Tracheotomal Stenosis	Upper Airway
Tracheostomal Stenosis After Total Laryngectomy: An Analysis of Predisposing Clinical Factors	Preliminary Data on the Effect of Pharyngeal Flaps on the Upper Airway in Children With Velopharyngeal Inadequacy
Tracheostomy	Upper-Airway Obstruction
Elective Percutaneous (Rapitrac) Tracheotomy: Results of a Prospective Trial	Comparison of Upper-Airway Evaluations During Wakefulness and Sleep
Ventilation With the Combitube During Tracheotomy 763	ness and steep
Transcranial Doppler Ultrasonography	Upper Respiratory Tract
Ultrasonography for Evaluation of the Carotid Artery in Head and Neck Cancer	Endoscopic Photography: Solving the Difficulties of Practical Application
Transiently Evoked Otoacoustic Emissions	Upper Respiratory Tract Infection
Otoacoustic Emissions: An Approach for Monitoring Aminoglycoside-Induced Ototoxicity	Otologic Manifestations of Experimental Rhinovirus Infection
	Uvulopalatopharyngoplasty
Translabyrinthine Rhinorrhea Cerebrospinal Fluid Leak Following Acoustic Neuroma Removal	Four-Year Follow-up After Utvulopalatopharyngoplasty in 50 Unselected Patients With Obstructive Sleep Apnea Syndrome
Transnasal Endoscopic Approach	Uvulopalatopharyngoplasty for Snoring: Long-term Re-
Transnasal Endoscopic Approach in Congenital Choanal Atresia	sults 1150
Transpetrosal Transtentorial Approach	V
Transpetrosal Access to Meningiomas Juxtaposing the Temporal Bone	Vagus Nerve
	Glomus Vagale: Paraganglioma of the Vagus Nerve
Transsphenoidal Approach MRI Evaluation of the Sphenoid Sinus After Transsphenoidal Approach to the Pituitary	Vanderbilt Free Electron Laser Computer-Assisted Surgical Techniques Using the Vander-
	bilt Free Electron Laser
Traumatic Pseudoaneurysm Traumatic Pseudoaneurysm of the Intracavernous ICA Pre-	Vascular Anomalies of the Middle Ear
senting With Massive Epistaxis: Imaging Diagnosis and Endovascular Treatment	Magnetic Resonance Angiography of Vascular Anomalies of the Middle Ear
Tumor Cell Proliferation	Vein-Sparing Neck Dissection
Rapid Tumor Cell Proliferation After Induction Chemotherapy in Oropharyngeal Cancer	Patency of the Internal Jugular Vein Following Modified Radical Neck Dissection
morapy in Orophuryngous ouncer	THE PERSON AND THE PERSON OF T

Velopharyngeal Incompetence		Voice Changes
Preliminary Data on the Effect of Pharyngeal Flaps on the Upper Airway in Children With Velopharyngeal Inade-		Voice Changes in Acromegaly
quacy	12	Voice Prosthesis
Vertical Dystopia of the Orbit		Closure of Persistent Tracheoesophageal Fistulas After Removal of the Voice Prosthesis
Maxillary Sinus Hypoplasia and Vertical Dystopia of the	-	
Orbit	758	Voice Quality
Vertigo		Factors Associated With Recurrence and Voice Quality Fol- lowing Radiation Therapy for T1 and T2 Glottic Car-
Diagnostic Problems in Patients With Benign Paroxysmal Positional Vertigo	1385	cinomas
Particle Repositioning Maneuver for Benign Paroxysmal Po-		noid Joint 533
sitional Vertigo	946	Long-Term Changes in Vocal Quality Following Isshiki Thy-
Vetibulo-Ocular Reflex		roplasty Type I
Functional Loss of the Horizontal Doll's Eye Reflex Following	4770	Voice Rehabilitation
Unilateral Vestibular Lesions	473	New Method for Tracheoesophageal Puncture Under Topical
Passive High-Frequency Head Movements	140	Anesthesia 233
Phenytoin for Motion Sickness: Clinical Evaluation	935	Tracheoesophageal Puncture for Voice Restoration Following Laryngotracheal Separation
Vienna Cochlear Implant		
Vienna Cochlear Implant in Patients With Obliteration of the	70	W
Cochlea	79	Warthin's Tumor
Vocal Fold Adduction		Warthin's Tumor: A 40-Year Experience at The Johns Hop-
Measurement of Adductory Force of Individual Laryngeal Muscles in an In Vivo Canine Model	1213	kins Hospital
Vocal Fold Nodules		Weber-Ferguson Incision
Anterior Commissure Microwebs Associated With Vocal Nod-		Inverted Schneiderian Papilloma: A 25-Year Study
ules: Detection, Prevalence, and Significance	1369	Weber's Salivary Glands
Vocal Fold Paralysis		Pathogenesis of Peritonsillar Abscess
Effects of Arytenoid Adduction on Laryngeal Function Fol-		Wound Tensile Strength
lowing Ansa Cervicalis Nerve Transfer for Vocal Fold Pa- ralysis in an In Vivo Canine Model	1187	Hypothyroidism in Head and Neck Cancer Patients: Experimental and Clinical ObservationsSuppl. 60
Vocal Fold Sulcus		
$Sulcus\ Vocalis\ in\ Laryngeal\ Cancer:\ A\ Histopathologic\ Study$	16	Z
Vocal Function		Zenker's Diverticulum
Diagnosis and Treatment of Persistent Dysphonia After Laryngeal Surgery: A Retrospective Analysis of 62 Patients	1084	Analysis of Intrabolus Forces in Patients With Zenker's Diverticulum

